

Abstracts

2014

Chang, M., & Li, Y. (2014). Smart Learning Environments. (pp. 1–17). Springer.

Book Contributions

2017

Perry, B., Edwards, M., Anderson, C., Chang, M., Kinshuk, & Hawranik, P. (2017). Health-Related Technology Use by Older Adults in Rural and Small Town Communities. (pp. 38–53). *Diverse Perspectives on Aging in a Changing World*. Routledge.

2016

Chang, M., Chang, T., Yang, J., & Zhang, J. (2016). *ICT in Education in Global Context..* Springer.

2015

Chang, M. (2015). *Data Analytics for Education and Healthcare. (Vol. 7)*. Athabasca University.

Chang, T. - W., Graf, S., Tortorella, R., Hobbs, D., Kurcz, J., Bernard, J., et al. (2015). Improving Learning based on the Identification of Working Memory Capacity, Adaptive Context Systems, Collaborative Learning and Learning Analytics. (pp. 39–55). Athabasca University.

Dron, J., & Anderson, T. (2015). Learning and Teaching with Social Media. In Kinshuk, & R. Huang (Eds.), *Learning and Teaching with Social Media* (Vol. Ubiquitous Learning Environments and Technologies, pp. 15–30). Springer.

Mottus, A., Kinshuk, Graf, S., & Chen, N. - S. (2015). Use of Dashboards and Visualization Techniques to Support Teacher Decision Making. (pp. 181–199). *Ubiquitous Learning Environments and Technologies*. Springer Berlin Heidelberg.

2014

Chang, T. - W., Kurcz, J., El-Bishouty, M. M., Kinshuk, & Graf, S. (2014). Adaptive and Personalized Learning Based on Students' Cognitive Characteristics. (pp. 77–97). *Ubiquitous Learning Environments and Technologies*. Springer Berlin Heidelberg.

Dron, J. (2014). Innovation and change: changing how we change. In O. Zawacki-Richter, & T. Anderson (Eds.), *Innovation and change: changing how we change* (Vol. Online Distance Education: towards a research agen). Athabasca: AU Press.

Dron, J., & Anderson, T. (2014). Agoraphobia and the modern learner. In A. Littlejohn, & C. Pegler (Eds.), *Agoraphobia and the modern learner* (Vol. Reusing Open Resources). Routledge.

Heh, J., Chang, M., & Chun, C. (2014). National Palace Museum Adventure - A mobile Educational Role Playing Game for Museum Learning. (pp. 201–233). *Ubiquitous Learning Environments and Technologies*. Springer Berlin Heidelberg.

Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C. - W. (2014). Context-Aware Mobile Role Playing Game for Learning. (pp. 131–146). *The New Development of Technology Enhanced Learning*. Springer Berlin Heidelberg.

Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C. - W. (2014). The Effect of Story in Mobile Educational Game. (pp. 55–76). *Ubiquitous Learning Environments and Technologies*. Springer Berlin Heidelberg.

Reiners, T., Wood, L., & Dron, J. (2014). From chaos towards sense: A Learner-centric Narrative Virtual Learning Space. In J. Bishop (Ed.), *From chaos towards sense: A Learner-centric Narrative Virtual Learning Space* (Vol. Gamification for Human Factors Integration: Social, pp. 242–258). Hershey, US: Igi.

2013

Graf, S., & Kinshuk. (2013). Adaptive Technologies. (pp. 771–779). *Handbook of Research on Educational Communications and Technology*. Springer New York.

2012

Dron, J. (2012). Social Navigation for Learning in Immersive Worlds. In A. Hebbel-Seeger, T. Reiners, & D. Schäffer (Eds.), *Social Navigation for Learning in Immersive Worlds* (Vol. 3D Virtual Environments for Education and Business). New York: Springer.

Kinshuk, & Graf, S. (2012). Ubiquitous Learning. (pp. 3361–3363). *Encyclopedia of the Sciences of Learning*. Springer US.

Liu, M. - C., Kinshuk, Huang, Y.-M., & Wen, D. (2012). Boosting Semantic Relations for Example Population in Concept Learning. In *Intelligent and Adaptive Learning Systems: Technology Enhanced Support for Learners and Teachers* (pp. 165–181). Hershey, PA, USA: Information Science Reference.

Wei, C. - W., Hung, I.-C., Kinshuk, & Chen, N.-S. (2012). Analyzing Critical Functions of Recording Tools for Synchronous Cyber Classroom Instruction. In *Intelligent and Adaptive Learning Systems: Technology Enhanced Support for Learners and Teachers* (pp. 250–263). Hershey, PA, USA: Information Science Reference.

2011

Anderson, T., & Dron, J. (2011). Learning Technology Through Three Generations. In S. Horarik (Ed.),.

Connors, M., Bredeson, C. & Al-Shamali, F.M. (2011). Distance Education Introductory Physics Labs: Online or In Home. In Javier Garc a-a Zub a-a and Gustavo R. Alves (Ed.), *University of Deusto*. Bilbao.

Corich, S., Kinshuk, & Jeffrey, L. (2011). Automating the Measurement of Critical Thinking for Individuals Participating in Discussion Forums. In *Multiple Perspectives on Problem Solving and Learning in the Digital Age* (pp. 143–157). New York: Springer.

Dron, J. (2011). Social Navigation for Learning in Immersive. In T. R. & D. S. A. Hebbel-Seeger (Ed.), *3D Virtual Environments for Education and Business: Advantages and Prospect*. New York:

Springer.

Dron, J., & Fadeeva, Z. (2011). Summary, Reflections and Meditations. In A. Barton & J. Dlouha (Ed.), *Multi-actor learning for sustainable regional development in Europe*. London, UK: Grosvenor House.

Graf, S., & Kinshuk. (2011). Personalized Learning. In N. M. Seel (Ed.), *Encyclopedia of the Sciences of Learning*. New York: Springer.

Graf, S., & Kinshuk. (2011). Personalized Learning Systems. In N. M. Seel (Ed.), *Encyclopedia of the Sciences of Learning*. New York: Springer.

Kinshuk & Graf, S. (2011). Ubiquitous learning. In N. M. Seel (Ed.), *Encyclopedia of the Sciences of Learning*. New York: Springer.

Kumar V. (2011). Tracing the Metacognitive Competencies of Online Learners. In R McGreal Kinshuk F. L. S. Graf (Ed.), *Chapter in intelligent and adaptive learning systems: technology enhanced support for learners and teachers* (pp. 198–212). IGI Global publishers.

Kumar, V., Chang, M., & Leacock, T. (2011). Mobile Computing and Mixed-Initiative Support for Writing Competence. In R McGreal Kinshuk F Lin S. G. (Ed.), *Chapter in intelligent and adaptive learning systems: technology enhanced support for learners and teachers* (pp. 327–341). IGI Global.

Kumar, V., Chang, M., & Leacock, T.L. (2011). Mobile Computing and Mixed-Initiative Support for Writing Competence. In Kinshuk and Rory McGreal F. L. Sabine Graf (Ed.), *Intelligent and Adaptive Learning Systems - Technology Enhanced Support for Learners and Teachers* (pp. 327–341). Hershey, PA:.

Spector, J. M., & Kinshuk. (2011). Learning to Solve Problems in the Digital Age: Introduction. In *Multiple Perspectives on Problem Solving and Learning in the Digital Age* (pp. 1–8). New York: Springer.

Wang, H. (2011). A guide of assistive technology for teachers, in Communication Technology for Students in Special Education or Gifted Programs. In Joan Aitkin (Ed.),. IGI Global.

2010

Badidi, E., & Esmahi, L. (2010). Personalized Web Service Provisioning to Mobile Users Using Policy-Based Profile and QOS Management. In Eshaa M. Alkhalifa (Ed.), *Idea Group Inc. (IGI)* (pp. 172–184).

Badidi, E., Serhani, M.A., & Esmahi, L. (2010). A Policy-based Framework for QoS Management in Service Oriented Environments. In Tarek Sobh (Ed.), *in Innovations and Advances in Computer Sciences and Engineering* (pp. 467–472). Netherlands: Springer.

Bagheri, E., & Ghorbani, A.A. (2010). A Framework for the Manifestation of Tacit Critical Infrastructure Knowledge. In *Sustainable & Resilient Critical Infrastructure Systems*, (pp. 139–158). Springer-Verlag.

Connors, M. & A. - S., F.M. (2010). Low Cost Physics Home Lab. In and L. S. D. Kennepohl (Ed.), *AU Press*.

Wang, H. (2010). implement mobile learning at open universities, in Open Source Mobile Learning. In Li Chao (Ed.), *Mobile Linux Applications*. IGI Global.

2009

Chang, M., Tan, Q., Liu, T.-C., & Lin, F. (2009). Multi-Agent Architecture and Location-Based Ubiquitous Learning Framework. In Qing Li and Timothy K. Shih (Ed.), *Ubi-Media Computing* (. pp. 341–354). Boca Raton, Florida: Taylor & Francis Group.

Dron, J., & Anderson, T. (2009). How the crowd can teach. In S. Hatzipanagos & S. Warburton (Ed.), *Handbook of Research on Social Software and Developing Community Ontologies* (pp. 1–17). Hershey, PA: IGI Global Information Science.

Dron, J., & Anderson, T. (2009). The Safety of Crowds. In M. Bhattacharya & P. Kommers (Ed.), *The Connected Learning Space* (. pp. 29–40). Chesapeake, VA: AACE.

Goh, T. T., & Kinshuk. (2009). E-learning Systems Content Adaptation Frameworks and Techniques. In M. Pagan (Ed.), *Encyclopedia of Multimedia Technology and Networking* (pp. 460–468). Hershey, PA: Information Science Reference.

Lien, W. - P., Kuo, R., & Chang, M. (2009). Using Blended Learning to Teach Foreign Brides Chinese. In Maiga Chang and Chen-Wo Kuo (Ed.), *Learning Culture and Language through ICTs: Methods for Enhanced Instruction* (pp. 119–136). Hershey, PA.

Lin, T., & Kinshuk. (2009). Cognitive profiling in life-long learning. In & K. Schenk L. Justice C. Howard J. Boettcher G. B. P. Rogers (Ed.), *Encyclopedia of Distance Learning* (2nd ed., pp. 295–305). Hershey, PA, USA: Information Science Reference.

Maiga, M., Tan, Q., Lin, F. & Liu, T-C. (2009). Multi-Agent Architecture and Location-Based Ubiquitous Learning Framework. In *Ubi-Media Computing* (pp. 341–354). CRC Press.

Olaniran, B. A., Burley, H. E. Chang, M., Kuo, R. & Agnello, M. F. (2009). Socio-Technical Challenges of Semantic Web. In & Luis G. Ferreira Antonio J. Tavares E. F. O. Maria Manuela Cunha (Ed.), *A Culturally Exclusive Proposition? Handbook of Research on Social Dimensions of Semantic Technologies and Web Services* (pp. 379–391). Hershey, PA.

Olaniran, B. A., Burley, H. E., & Chang, M. (2009). Social Issues and Web 2.0: A Closer Look at Culture. Handbook of Research on Web 2.0, 3.0. X.0. In San Murugesan (Ed.), *Business, and social applications* (pp. 613–628). Hershey, PA.

Shareef, A. F., & Kinshuk. (2009). Distance education in small island nations. In & K. Schenk L. Justice C. Howard J. Boettcher G. B. P. Rogers (Ed.), *Encyclopedia of Distance Learning* (2nd ed., pp. 661–670). Hershey, PA, USA: Information Science Reference.

2008

Badidi, E. & E., L. (2008). Contract Negotiation in E-marketplaces. In Margherita Pagani (Ed.), *Idea Group Inc. (IGI)* (2nd ed., pp. 1–16).

Badidi, E., James, W. & Esmahi, L. (2008). An exploration of demographic inconsistencies in healthcare information environments. In Nilmini Wickramasinghe (Ed.), *Idea Group Inc. (IGI)* (pp. 561–572).

Badidi, E., Williamson, K. & Esmahi, L. (2008). Adaptive Neuro-Fuzzy Systems. In J. Ā. ĩn D. & A. P. Juan R. RabuĀ±al (Ed.), *Idea Group Inc. (IGI)* (pp. 31–36).

Chen, N. - S., Wei, C.-W., Kinshuk, Chen, Y.-R., & Wang, Y.-C. (2008). Bridging the gap between face-to-face and cyber interaction in holistic blended learning environments. In D. & Sampson J. M. Pawlowski K. H. H. (Ed.), *Handbook on Information Technologies for Education and Training* (2nd ed., pp. 239–259). Heidelberg: Springer.

Goh T. T., K. & C. N. S. (2008). Evaluating Learner Satisfaction in a Multiplatform e-Learning System. In J. Lumsden (Ed.), *Handbook of Research on User Interface Design and Evaluation for Mobile Technology*, Hershey, PA: IGI Global, 1079-1099. (pp. 1079–1099). Hershey, PA: IGI Global.

Graf S. & Kinshuk. (2008). Technologies Linking Learning, Cognition, and Instruction. In Van Merriënboer J. & Driscoll M. P. M. M. D. Spector J. M. (Ed.), *Handbook of Research on Educational Communications and Technology* (pp. 305–315). New York, NY: Taylor & Francis.

Graf, S. & K. (2008). Analysing the Behaviour of Students in Learning Management Systems with respect to Learning Styles. In P. Mylonas M. A. M. Wallace (Ed.), *Advanced in Semantic Media Adaptation and Personalization* (Vol. 93, pp. 53–74). Berlin: Springer.

Graf, S. & K. (2008). Learner Modelling Through Analyzing Cognitive Skills and Learning Styles. In D. & Sampson J. M. Pawlowski Kinshuk H. H. Adelsberger (Ed.), *Handbook on Information Technologies for Education and Training* (2nd ed., pp. 179–194). Heidelberg.

Graf, S., & Kinshuk. (2008). Learner Modelling Through Analyzing Cognitive Skills and Learning Styles. In *Handbook on Information Technologies for Education and Training* (2nd ed., pp. 179–194). Heidelberg: Springer.

Graf, S., & Kinshuk. (2008). Technologies linking learning, cognition and instruction. In *Handbook of Research on Educational Communications and Technology* (3rd ed., pp. 305–316). Taylor & Francis.

2005

Esmahi, L. (2005). Personalized Web-Based Learning Services. In M. Pereira (Ed.), *Idea Group Inc. (IGI)* (Vol. 2, pp. 814–820).

2004

Esmahi, L. & N., J. (2004). Contract negotiation in virtual market places. In *World Scientific Publishing Co. Inc.*, (Paul P. Wang and Timothy K. Shih, ed., pp. 367–394).

Lin, F. & E., L. (2004). A multiagents framework for an adaptive e-learning system. In F. Lin (Ed.), *Idea Group Inc. (IGI)* (pp. 218–241).

Lin, F., Esmahi, L. & Poon, L. (2004). Integrating Agents and Web Services into Adaptive Distributed Learning Environments. In *Idea Group Inc. (IGI)* (Lin, F. ed., pp. 184–217).

(not specified)

Graf, S. *Dynamic Student Profiles*. (Vol. 1). SAGE Publications.

Wang, H. & P., D. Implement virtual programming lab with cloud computing for Web-based distance education, accepted for a book entitled *Cloud computing for teaching and learning: strategies for design and implementation*. In Li Chao (Ed.), IGI Global.

Monographs

2015

Chang, M., & Al-Shamali, F. (2015). *Proceedings of Science and Technology Innovations*. Athabasca, AB: Athabasca University.

2014

Dron, J., & Anderson, T. (2014). *Teaching crowds: Learning & Social Media*. Athabasca: AU Press.

2013

Kumar, V., & Lin, F. (2013). *System and technology advancements in distance learning*. IGI Global.

Kumar, V., & Lin, F. (2013). *System and technology advancements in distance learning*. IGI Global.

2012

Sabine Graf, F. L., Kinshuk, and Rory McGreal(Eds.). (2012). *Intelligent and Adaptive Learning Systems: Technology Enhanced Support for Learners and Teachers*,. IGI Global, Hershey, USA.

2011

Aedo, I., Chen, N.-S., Sampson, D., Spector, J. M., & Kinshuk. (2011). *Proceedings of the 11th IEEE International Conference on Advanced Learning Technologies*. Los Alamitos: IEEE Computer Society Press.

Chang, M., Chen, M.-P., Hwang, W.-Y., & Mueller, W. (2011). *Proceedings of the 6th International Conference on E-Learning and Games*. Taipei, Taiwan: Springer Lecture Notes in Computer Science.

Graf, S., Lin, F., Kinshuk, & McGreal, R. (2011). *Intelligent and Adaptive Learning Systems*. IGI Global.

Graf, S., Lin, F., Kinshuk, & McGreal, R. (2011). *Intelligent and Adaptive Learning Systems*.

Ifenthaler, D., Isaias, P., Spector, J. M., Kinshuk, & Sampson, D. G. (2011). *Multiple Perspectives on Problem Solving and Learning in the Digital Age*. New York: Springer.

2010

Jemni, M., Kinshuk, Sampson, D., & Spector, J. M. (2010). *Proceedings of the 10th IEEE International Conference on Advanced Learning Technologies*. Los Alamitos: IEEE Computer Society Press.

Kinshuk, S., D.G., Spector, J.M., Isaias, P., Ifenthaler, D., & VasIU, R. (2010). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age*. Lisbon, Portugal: IADIS Press.

Murthy, S., & Kinshuk. (2010). *Proceedings of the 2010 International Conference on Technology for Education*,. Piscataway, NJ: IEEE.

Ogata, H., Liu, C.-C., Kinshuk, Biswas, G., Chee, Y.-S., Wong, S.-L., & Yu, F.-Y. (2010). *Doctoral Student Consortium Proceedings of the 18th International Conference on Computers in Education 2010*. Selangor, Malaysia: Universiti Putra Malaysia.

Spector, J. M., Ifenthaler, D., Isaias, P., Kinshuk, & Sampson, D. G. (2010). *Learning and Instruction in the Digital Age*. New York: Springe.

2009

Bastiaens, T., Dron, J., & Xin, C. (2009). *Proceedings of E-learn*. Vancouver, Canada: AACE.

Chang, M., Kuo, R., Kinshuk, Chen, G.-D., & Hirose, M. (2009). *Learning by Playing - Game-based Education System Design and Development*. Berlin: Springer.

Kinshuk, S., D.G., Spector, J.M., Isaias, P., & Ifenthaler, D.,. (2009). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age*. Lisbon, Portugal: IADIS Press.

2008

Adelsberger, H. H., Kinshuk, Pawlowski, J. M., & Sampson, D. (2008). *Handbook on Information Technologies for Education and Training*. Heidelberg: Springer.

Chan, T. - W., Biswas, G., Chen, F.-C., Chen, S., Chou, C., Jacobson, M., Kinshuk, Klett, F., Looi, C.-K., Mitrovic, T., Mizoguchi, R., K. Nakabayashi, K., Reimann, P., Suthers, D., Yang, S., & Yang, J.-C. (2008). *Proceedings of the 16th International Conference on Computers in Education*. Taiwan: APSCE.

Kinshuk, S., D.G., Spector, J.M., Isaias, P., & Ifenthaler, D.,. (2008). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age*. Lisbon, Portugal: IADIS Press.

2006

Kumar, V. (2006). *Instructional Design and Development Workflow for Online Course Development*.

Kumar, V. (2006). *Instructional Design and Development Workflow for Online Course Development*.

Kumar, V. (2006). *Post-Graduate Programme in Instructional Design and Digital Education*.

Kumar, V. (2006). *Post-Graduate Programme in Instructional Design and Digital Education*.

2004

Lin, F. (2004). *Designing Distributed Learning Environments with Intelligent Software Agents*,.

Conference Proceedings

2017

Boulanger, D., Seanosky, J., Guillot, R., & Kumar, V. S. (2017). Breadth and Depth of Learning Analytics. In E. Popescu, Kinshuk, M. K. Khribi, R. Huang, M. Jemni, N. - S. Chen, et al. (Eds.), (pp.

219–223). *Innovations in Smart Learning*, Workshop at the 3rd International Conference on Smart Learning Enviro. Springer Singapore.

Boulanger, D., Seanosky, J., Guillot, R., & Kumar, V. S. (2017). Breadth and Depth of Learning Analytics. In E. Popescu, Kinshuk, M. K. Khribi, R. Huang, M. Jemni, N. - S. Chen, et al. (Eds.), (pp. 219–223). *Innovations in Smart Learning*, Workshop at the 3rd International Conference on Smart Learning Enviro. Springer Singapore.

Chang, M. - H., Kuo, R., Essalmi, F., Chang, M., Kumar, V., & Kung, H. - Y. (2017). Usability Evaluation Plan for Online Annotation and Student Clustering System : A Tunisian University Case. *HCI International 2017*.

Chang, M. - H., Kuo, R., Essalmi, F., Chang, M., Kumar, V., & Kung, H. - Y. (2017). Usability Evaluation Plan for Online Annotation and Student Clustering System : A Tunisian University Case. *HCI International 2017*.

Govindarajan, K., & Kumar, V. S. (2017). An Intelligent Load Balancer for Software Defined Networking (SDN) based Cloud Infrastructure. (pp. 1259–1264). *2017 IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICEC)*.

Govindarajan, K., & Kumar, V. S. (2017). An Intelligent Load Balancer for Software Defined Networking (SDN) based Cloud Infrastructure. (pp. 1259–1264). *2017 IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICEC)*.

2016

Boulanger, D., Seanosky, J., Clemens, C., Kumar, V. S., & Kinshuk. (2016). A smart competence analytics solution for English writing. (pp. 468–472). *International Conference on Advanced Learning Technologies*.

Boulanger, D., Seanosky, J., Clemens, C., Kumar, V. S., & Kinshuk. (2016). A smart competence analytics solution for English writing. (pp. 468–472). *International Conference on Advanced Learning Technologies*.

Govindarajan, K., Boulanger, D., Seanosky, J., Bell, J., Pinnell, C., & Kumar, V. S. (2016). Assessing Learners Progress in a Smart Learning Environment using Bio-Inspired Clustering Mechanism. In E. Popescu, Kinshuk, M. K. Khribi, R. Huang, M. Jemni, N. - S. Chen, et al. (Eds.), (pp. 49–58). *Innovations in Smart Learning*, 3rd International Conference on Smart Learning Environments. Springer Singapore.

Govindarajan, K., Boulanger, D., Seanosky, J., Bell, J., Pinnell, C., & Kumar, V. S. (2016). Assessing Learners Progress in a Smart Learning Environment using Bio-Inspired Clustering Mechanism. In E. Popescu, Kinshuk, M. K. Khribi, R. Huang, M. Jemni, N. - S. Chen, et al. (Eds.), (pp. 49–58). *Innovations in Smart Learning*, 3rd International Conference on Smart Learning Environments. Springer Singapore.

Govindarajan, K., Kumar, V. S., Boulanger, D., Seanosky, J., Bell, J., Pinnell, C., et al. (2016). Software-Defined Networking (SDN)-Based Network Services for Smart Learning Environments: The Role of SDN in Smart Competence LEarning Analytics platform (SCALE). (pp. 69–76). *State-of-the-Art and Future Directions of Smart Learning*, The 2015 International Conference on Smart. Springer Singapore.

Govindarajan, K., Kumar, V. S., Boulanger, D., Seanosky, J., Bell, J., Pinnell, C., et al. (2016). Software-Defined Networking (SDN)-Based Network Services for Smart Learning Environments:

The Role of SDN in Smart Competence LEarning Analytics platform (SCALE). (pp. 69–76). State-of-the-Art and Future Directions of Smart Learning, The 2015 International Conference on Smart. Springer Singapore.

Govindarajan, K., Kumar, V. S., & Kinshuk. (2016). Dynamic Learning Path Prediction : A Learning Analytics Solution. (pp. 188–193). 8th International Conference on Technology for Education T4E 2016.

Govindarajan, K., Kumar, V. S., & Kinshuk. (2016). Dynamic Learning Path Prediction : A Learning Analytics Solution. (pp. 188–193). 8th International Conference on Technology for Education T4E 2016.

2015

Boulanger, D., Kumar, V. S., & Kinshuk. (2015). LAMBDA: A learning analytics platform. Presentation at the Athabasca University Graduate Student Conference.

Boulanger, D., Kumar, V. S., & Kinshuk. (2015). LAMBDA: A learning analytics platform. Presentation at the Athabasca University Graduate Student Conference.

Boulanger, D., Kumar, V. S., & Kinshuk. (2015). SCALE: Computational models of learning outcomes. Presentation at the Athabasca University Graduate Student Conference.

Boulanger, D., Kumar, V. S., & Kinshuk. (2015). SCALE: Computational models of learning outcomes. Presentation at the Athabasca University Graduate Student Conference.

Boulanger, D., Seanosky, J., Govindarajan, K., Kumar, V. S., & Kinshuk. (2015). Big Data Learning Analytics with OpenACRE, Workshop at the CyberSummit. Generation D : Data Scientists of Tomorrow.

Boulanger, D., Seanosky, J., Govindarajan, K., Kumar, V. S., & Kinshuk. (2015). Big Data Learning Analytics with OpenACRE, Workshop at the CyberSummit. Generation D : Data Scientists of Tomorrow.

Boulanger, D., Seanosky, J., Kumar, V., Kinshuk, Panneerselvam, K., & Somasundaram, T. S. (2015). Smart learning analytics. In G. Chen, V. Kumar, R. H. Kinshuk, & S. C. Kong (Eds.), (pp. 289–296). Emerging issues in smart learning, The International Conference on Smart Learning Environment 2014. Springer Berlin Heidelberg.

Boulanger, D., Seanosky, J., Kumar, V., Kinshuk, Panneerselvam, K., & Somasundaram, T. S. (2015). Smart learning analytics. In G. Chen, V. Kumar, R. H. Kinshuk, & S. C. Kong (Eds.), (pp. 289–296). Emerging issues in smart learning, The International Conference on Smart Learning Environment 2014. Springer Berlin Heidelberg.

Boulanger, D., Seanosky, J., Pinnell, C., Bell, J., Kumar, V. S., & Kinshuk. (2015). SCALE: a Learning Domain-Generic Evidence-based Competence Analytics Framework. (pp. 19–30). International Conference on Smart Learning Environments. Ieee.

Boulanger, D., Seanosky, J., Pinnell, C., Bell, J., Kumar, V. S., & Kinshuk. (2015). SCALE: a Learning Domain-Generic Evidence-based Competence Analytics Framework. (pp. 19–30). International Conference on Smart Learning Environments. Ieee.

Chang, M., 3. Yanyan, L., Kravcik, M., Popescu, E., Huang, R., Kinshuk, et al. (2015). Proceedings of the 2nd International Conference on Smart Learning Environments,.. Springer.

- Clemens, C., Kumar, V. S., & Kinshuk. (2015). Writing analytics. Presentation at the Athabasca University Graduate Student Conference.
- Clemens, C., Kumar, V. S., & Kinshuk. (2015). Writing analytics. Presentation at the Athabasca University Graduate Student Conference.
- Dai, Q., Kumar, V. S., & Kinshuk. (2015). Traffic flow optimization. Presentation at the Athabasca University Graduate Student Conference.
- Dai, Q., Kumar, V. S., & Kinshuk. (2015). Traffic flow optimization. Presentation at the Athabasca University Graduate Student Conference.
- Fakinlede, I., Kumar, V. S., & Kinshuk. (2015). GIOIA: Linguistic competence in conversation agents. Presentation at the Athabasca University Graduate Student Conference.
- Fakinlede, I., Kumar, V. S., & Kinshuk. (2015). GIOIA: Linguistic competence in conversation agents. Presentation at the Athabasca University Graduate Student Conference.
- Govindarajan, K., Boulanger, D., Seanosky, J., Bell, J., Pinnell, C., Kumar, V. S., et al. (2015). Performance Analysis of Parallel Particle Swarm Optimization Based Clustering of Students. (pp. 446–450). *Advanced Learning Technologies (ICALT), 2015 IEEE 15th International Conference on Advanced Learning*. Ieee.
- Govindarajan, K., Boulanger, D., Seanosky, J., Bell, J., Pinnell, C., Kumar, V. S., et al. (2015). Performance Analysis of Parallel Particle Swarm Optimization Based Clustering of Students. (pp. 446–450). *Advanced Learning Technologies (ICALT), 2015 IEEE 15th International Conference on Advanced Learning*. Ieee.
- Govindarajan, K., Kumar, V. S., Boulanger, D., & Kinshuk. (2015). Learning Analytics Solution to Reduce Learners Course Failure Rate. (pp. 83–90). *International Conference on Technology for Education (T4E 2015)*. Ieee.
- Govindarajan, K., Kumar, V. S., Boulanger, D., & Kinshuk. (2015). Learning Analytics Solution to Reduce Learners Course Failure Rate. (pp. 83–90). *International Conference on Technology for Education (T4E 2015)*. Ieee.
- Govindarajan, K., Kumar, V. S., & Kinshuk. (2015). Parallel Particle Swarm Optimization (PPSO) Clustering for Learning Analytics. (pp. 1461–1465). *IEEE International Conference on Big Data (IEEE Big Data 2015)*.
- Govindarajan, K., Kumar, V. S., & Kinshuk. (2015). Parallel Particle Swarm Optimization (PPSO) Clustering for Learning Analytics. (pp. 1461–1465). *IEEE International Conference on Big Data (IEEE Big Data 2015)*.
- Govindarajan, K., Kumar, V. S., & Kinshuk. (2015). Particle swarm optimization for learning analytics. Presentation at the Athabasca University Graduate Student Conference.
- Govindarajan, K., Kumar, V. S., & Kinshuk. (2015). Particle swarm optimization for learning analytics. Presentation at the Athabasca University Graduate Student Conference.
- Govindarajan, K., Kumar, V. S., & Kinshuk. (2015). Software-Defined networking and learning analytics. Presentation at the Athabasca University Graduate Student Conference.

Govindarajan, K., Kumar, V. S., & Kinshuk. (2015). Software-Defined networking and learning analytics. Presentation at the Athabasca University Graduate Student Conference.

Govindarajan, K., Somasundaram, T. S., Boulanger, D., Kumar, V. S., & Kinshuk. (2015). A framework for Scheduling and Managing Big Data Applications in a Distributed Infrastructure. (pp. 1–6). Seventh International Conference on Advanced Computing (ICoAC 2015). Ieee.

Govindarajan, K., Somasundaram, T. S., Boulanger, D., Kumar, V. S., & Kinshuk. (2015). A framework for Scheduling and Managing Big Data Applications in a Distributed Infrastructure. (pp. 1–6). Seventh International Conference on Advanced Computing (ICoAC 2015). Ieee.

Guillot, C., Guillot, R., Kumar, V. S., & Kinshuk. (2015). Music Analytics. (pp. 267–271). Poster at the International conference on smart learning environments.

Guillot, C., Guillot, R., Kumar, V. S., & Kinshuk. (2015). Music Analytics. (pp. 267–271). Poster at the International conference on smart learning environments.

Guillot, C., Kumar, V. S., & Kinshuk. (2015). Music analytics. Presentation at the Athabasca University Graduate Student Conference.

Guillot, C., Kumar, V. S., & Kinshuk. (2015). Music analytics. Presentation at the Athabasca University Graduate Student Conference.

Guillot, I., Kumar, V. S., & Kinshuk. (2015). Measuring the listening skills of online learners. Presentation at the Athabasca University Graduate Student Conference.

Guillot, I., Kumar, V. S., & Kinshuk. (2015). Measuring the listening skills of online learners. Presentation at the Athabasca University Graduate Student Conference.

Guillot, R., Kumar, V. S., & Kinshuk. (2015). Analytics in mathematical problem solving. Presentation at the Athabasca University Graduate Student Conference.

Guillot, R., Kumar, V. S., & Kinshuk. (2015). Analytics in mathematical problem solving. Presentation at the Athabasca University Graduate Student Conference.

2014

Baumstark, K., & Graf, S. (2014). A Framework for Integrating Motivational Techniques in Technology Enhanced Learning. (pp. 150–160). Lecture Notes in Computer Science. Springer Berlin Heidelberg.

Boulanger, D., Seanosky, J., Baddeley, M., & Kumar, V. (2014). Learning Analytics in the Energy Industry: Measuring Competences in Emergency Procedures. (pp. 148–155). 2014 IEEE Sixth International Conference on Technology for Education (T4E). Ieee.

Boulanger, D., Seanosky, J., Baddeley, M., & Kumar, V. (2014). Learning Analytics in the Energy Industry: Measuring Competences in Emergency Procedures. (pp. 148–155). 2014 IEEE Sixth International Conference on Technology for Education (T4E). Ieee.

da Silva, J., Hobbs, D., & Graf S. (2014). Integrating an at-risk student model into learning management systems. (pp. 120–124). Proceedings of the XIX Conferência Internacional sobre Informática na Educação (TISE2014).

2013

Clemens, C., Kumar, V., & Mitchnick, D. (2013). Writing-based learning analytics for education, workshop on learning analytics. (pp. 504–505). The 2013 IEEE 13th International Conference on Advanced learning technologies. Ieee.

Clemens, C., Kumar, V., & Mitchnick, D. (2013). Writing-based learning analytics for education, workshop on learning analytics. (pp. 504–505). The 2013 IEEE 13th International Conference on Advanced learning technologies. Ieee.

Clemens, C., Mitchnik, D., & Kumar, V. S. (2013). Competence Models in Writing. (p. 25). Presentation at the 1st International Graduate Research Workshop on Adaptivity and Personalization i.

Clemens, C., Mitchnik, D., & Kumar, V. S. (2013). Competence Models in Writing. (p. 25). Presentation at the 1st International Graduate Research Workshop on Adaptivity and Personalization i.

Fakinlede, I., Kumar, V., & Wen, D. (2013). Knowledge representation for context and sentiment analysis. (pp. 493–494). The 2013 IEEE 13th International Conference on Advanced learning technologies. Ieee.

Fakinlede, I., Kumar, V., & Wen, D. (2013). Knowledge representation for context and sentiment analysis. (pp. 493–494). The 2013 IEEE 13th International Conference on Advanced learning technologies. Ieee.

Fakinlede, I., Kumar, V., Wen, D., & Graf, S. (2013). Auto generating APA persona. (pp. 473–474). The 2013 IEEE 13th International Conference on Advanced learning technologies. Ieee.

Fakinlede, I., Kumar, V., Wen, D., & Graf, S. (2013). Auto generating APA persona. (pp. 473–474). The 2013 IEEE 13th International Conference on Advanced learning technologies. Ieee.

Fakinlede, I., Kumar, V., Wen, D., & Kinshuk. (2013). Conversational forensics: Building conversational pedagogical agents with attitude. (pp. 65–68). Ieee.

Fakinlede, I., Kumar, V., Wen, D., & Kinshuk. (2013). Conversational forensics: Building conversational pedagogical agents with attitude. (pp. 65–68). Ieee.

Fornier, L., & Kumar, V. S. (2013). Assessing Instructional Design of Online Courses Using Bayesian Belief Networks. (pp. 29–30). Presentation at the 1st International Graduate Research Workshop on Adaptivity and Personalization i.

Fornier, L., & Kumar, V. S. (2013). Assessing Instructional Design of Online Courses Using Bayesian Belief Networks. (pp. 29–30). Presentation at the 1st International Graduate Research Workshop on Adaptivity and Personalization i.

Fornier, L., Kumar, V. S., & Kinshuk. (2013). Assessing design of online courses using Bayesian belief networks. (pp. 36–42). The 2013 IEEE Fifth International Conference on Technology for Education. Ieee.

Fornier, L., Kumar, V. S., & Kinshuk. (2013). Assessing design of online courses using Bayesian belief networks. (pp. 36–42). The 2013 IEEE Fifth International Conference on Technology for Education. Ieee.

Glass, G., & Kumar, V. S. (2013). Culture of Software. (pp. 27–28). Presentation at the 1st International Graduate Research Workshop on Adaptivity and Personalization i.

Glass, G., & Kumar, V. S. (2013). Culture of Software. (pp. 27–28). Presentation at the 1st International Graduate Research Workshop on Adaptivity and Personalization i.

Govindarajan, K., Somasundaram, T. S., Kumar, V., & Kinshuk. (2013). Continuous clustering in big data learning analytics. (pp. 61–64). The 2013 IEEE Fifth International Conference on Technology for Education. Ieee.

Govindarajan, K., Somasundaram, T. S., Kumar, V., & Kinshuk. (2013). Continuous clustering in big data learning analytics. (pp. 61–64). The 2013 IEEE Fifth International Conference on Technology for Education. Ieee.

Govindarajan, K., Somasundaram, T. S., Kumar, V. S., & Kinshuk. (2013). Particle swarm optimization (PSO)-based clustering for improving the quality of learning using cloud computing. (pp. 495–497). The 2013 IEEE 13th International Conference on Advanced learning technologies. Ieee.

Govindarajan, K., Somasundaram, T. S., Kumar, V. S., & Kinshuk. (2013). Particle swarm optimization (PSO)-based clustering for improving the quality of learning using cloud computing. (pp. 495–497). The 2013 IEEE 13th International Conference on Advanced learning technologies. Ieee.

2012

Fakinlede, I., & Kumar, V. S. (2012). Reusable intelligent pedagogical agents. First international symposium on smart learning environments.

Fakinlede, I., & Kumar, V. S. (2012). Reusable intelligent pedagogical agents. First international symposium on smart learning environments.

2011

Abboud, J., Bell, Rainer J.B., & Reckseidler-Zenteno, S. L. (2011). Pseudomonas aeruginosa Displays a Dormancy Phenotype During Long-term Survival in Water. Abst..

Asadi, M., Mohabbati, B., Gasevic, D., & Bagheri, E. (2011). Developing Families of Method-Oriented Architectures. In *In Proceedings of IFIP WG8.1 Working Conference on Method Engineering* (pp. 168–183). Paris, France: Springer.

Asadi, M., Bagheri, E., Gasevic, D., & Hatala, M. (2011). Goal-Driven Software Product Line Engineering. In *In Proceedings of The 26th Annual ACM Symposium on Applied Computing* (pp. 691–698). Tunghai University: ACM.

Bagheri, E., & Ensan, F. (2011). Consolidating Multiple Requirement Specifications through Argumentation. In *In Proceedings of The 26th Annual ACM Symposium on Applied Computing* (pp. 659–666). Tunghai University, TaiChung, Taiwan: ACM.

Blair, J., & Lin, F. (2011). An Approach for Integrating 3D Virtual Worlds with Multiagent Systems. In *SeRim workshop - IANA 2011*.

Chang, T., Kinshuk, Yu, P.-T., & Hsu, J.-M. (2011). Investigations of Using Interactive Whiteboards with and without an Additional Screen. In *Proceedings of the 11th IEEE International Conference on Advanced Learning Technologies* (pp. 347–349). Los Alamitos: IEEE Computer Society Press.

Clemens, C., Chang, M., Wen, D., Kumar, V., Lin, O., & Kinshuk. (2011). Traces of writing

competency : Surfing the classroom, social, and virtual worlds. (pp. 625–626). The 2011 11th IEEE International Conference on Advanced Learning Technologies. Ieee.

Clemens, C., Chang, M., Wen, D., Kumar, V., Lin, O., & Kinshuk. (2011). Traces of writing competency : Surfing the classroom, social, and virtual worlds. (pp. 625–626). The 2011 11th IEEE International Conference on Advanced Learning Technologies. Ieee.

Clemens, C., Chang, M., Wen, D., Kumar, V., Lin, O., & Kinshuk. (2011). Traces of writing competency - surfing the classroom, social, and virtual worlds. In & Kinshuk J. M. Spector D. Sampson N.-S. Chen I. Aedo (Ed.), *Proceedings of the 11th IEEE International Conference on Advanced Learning Technologies* (pp. 625–626). Los Alamitos: IEEE Computer Society Press.

Clemens, C., Chang, M., Wen, D., Kumar, V., Lin, O., & Kinshuk. (2011). Traces of writing competency - surfing the classroom, social, and virtual worlds. In *IEEE International Conference on Advanced Learning Technologies* (pp. 625–626). Athens, GA, USA: the 11th IEEE International Conference on Advanced Learning Technology.

Cutrone, L., Chang, M., & Kinshuk. (2011). Computerized Assessment System for Marking Student's Short-Answers Automatically. In *Proceedings of the IEEE International Conference on Technology for Education* (pp. 81–88). Los Alamitos: IEEE Computer Society Press.

Darwish, A., Hassanien, A. E, Tan, Q., & Pal, N. R. (2011). Securing Patients Medical Images and Authentication System Based on Public Key Infrastructure" *Advances in Intelligent and Soft Computing*. (Vol. 87, pp. 27–34). *Soft Computing Models in Industrial and Environmental Applications*, 6th International Conference.

Dron, J. (2011). Analogue Literacies. In *CODE/OUJ International Symposium*. Chiba, Japan.

Dron, J., Anderson, T., & Siemens, G. (2011). Putting things in context designing social media for education.. Brighton, UK: Paper presented at the European Conference on E-Learning.

Dron, J., Reiners, T., & Gregory, S. (2011). Manifestations of hard and soft technologies in immersive spaces. In *Paper presented at the Elearn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education*. Honolulu, Hawaii.

Ensan, A., Bagheri, E., Asadi, M., Gasevic, D., & Biletskiy, Y. (2011). , Goal-Oriented Test Case Selection and Prioritization for Product Line Feature Models. In *In Proceedings of Eighth International Conference on Information Technology* (pp. 291–298). Las Vegas, USA: IEEE.

Essalmi, F., Jemni Ben Ayed, L., Jemni, M., Kinshuk, & Graf, S. (2011). Evaluation of Personalization Strategies Based on Fuzzy Logic. In *Proceedings of the 11th IEEE International Conference on Advanced Learning Technologies* (pp. 254–256). Los Alamitos: IEEE Computer Society Press.

Graf, S., Ives, C., Rahman, N., & Ferri, A. (2011). A Tool for Accessing and Analysing Students' Behaviour Data in Learning Systems. In *Proceedings of the International Conference on Learning Analytics and Knowledge*. Banff, Canada: ACM.

Kuo, R., Ying, K., Chang, M., & Heh, J.-S. (2011). Design Electronic Botany Worksheet Generation based on Bloom's Taxonomy for Mobile Learning. In *In the Proceedings of the 11th IEEE International Conference on Advanced Learning Technology, (ICALT 2011)* (pp. 192–194). Athens, GA, USA: the 11th IEEE International Conference on Advanced Learning Technology.

Leung, S., Sandeep, V., Lin, F., & Armstrong, A., J. (2011). TSI-enhanced engaging pedagogical

agents. In *2011 International Conference on and 4th International Conference on Cyber, Physical and Social Computing*. Dalian, China: First International Workshop on Technology Enhanced Social Learning.

Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C.-W. (2011). Story-based Learning Activity Generation in a Context-Aware Mobile Role Playing Game. In *In the Proceedings of the 5th European Conference on Game-Based Learning* (pp. 358–367). Athens.

Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C.-W. (2011). Architecture and Collaborations among Agents in Mobile Educational. In *Proceedings of the 7th IEEE International Workshop on Pervasive Learning, Life, and Leisure* (171–175).

Mohabbati, B., Gasevic, D., Hatala, M., Asadi, M., Bagheri, E., & Boskovic, M. (2011). A Quality Aggregation Model for Service-Oriented Software Product Lines based on Variability and Composition Patterns. In *In Proceedings of The 9th International Conference on Service Oriented Computing*. Paphos, Cyprus: Springer.

Munyikwa, K., & Brown, S. (2011). Luminescence profiling of postglacial eolian dunes in central and northern Alberta using a portable OSL reader. In *Joint Meeting of the Canadian Quaternary Association and Canadian Chapter of the International Association of Hydrogeologists* (2232, 8). Quebec City.

Navarro, S. M. B., Graf, S., & Fabregat, R. (2011). Dynamic User Modeling and Adaptation based on Learning Styles for Supporting Semi-Automatic Generation of IMS Learning Design. In *Proceedings of the International Conference on Advanced Learning Technologies* (pp. 218–220). Athens, Georgia: IEEE Computer Society.

Ognjanovic, I., Gasevic, D., Bagheri, E., & Asadi, M. (2011). Conditional Preferences in Software Stakeholders' Judgments. In *In Proceedings of The 26th Annual ACM Symposium on Applied Computing* (pp. 683–690). Tunghai University, TaiChung, Taiwan: ACM.

Pomeroy, A. & T., Q. (2011). Effective SQL Injection Attack Reconstruction Using Network.. 11th IEEE International Conference on Computer and Information Technology (CIT 2011) and the 11th IEEE International Conference on Scalable Computing and Communications in Paphos.

Wang, H. (2011). Cloud Computing-based IT Solutions For Organizations with Multiregional Branch Offices.. Toronto,: Academic Conference Limited.

Wang, H. (2011). Collaborative Learning in Web-based Distance Education. In *in proceedings of the 2011 international conference on e-learning, e-business, enterprise information systems, and e-government.* , Las Vegas: CSREA.

Wang, H. (2011). Credible learning assessment in Web-based distance education. In *in proceedings of the 2011 international conference on e-learning, e-business, enterprise information systems, and e-government.* Las Vegas: CSREA.

Weng, M., Lin, F., Shih, T. K., Chang, M. & Fakinlede, I. (2011). A Conceptual Design of Multi-Agent based Personalized Quiz Game. In *The 11th IEEE International Conference on Advanced Learning Technologies* (pp. 19–21). Athens, Georgia.

Werneck, E., & M Chang, M. (2011). A Flash-based Game for Employee Doing On-the-Job Training. In *In the Proceedings of the 6th International Conference on E-Learning and Games* (pp. 522–526). Taipei: Springer.

Wu, M. - C., Chang, M., Ji Heh, J.-S. & Kinshuk. (2011). Landmark-based Navigation System for Mobile Devices Have No Built-in GPS Receiver and Compass. In *In the Proceedings of the 10th World Conference on Mobile and Contextual Learning*. Beijing.

Zhang, Q., Kinshuk, Graf, S., & Chang, M. (2011). Stage Predicting Student Stay Time Length on Webpage of Online Course Based on Grey Models. In *Proceedings of the International Conference on Web-based Learning*. Hong Kong: Springer.

2010

Armstrong, A. J., & Lin, F. (2010). Modelling and Personalizing Curriculum with Colored Petri Nets. In *ICCE*.

Badidi, E. & E., L. (2010). A quality of context driven approach for the selection of context services. (pp. 89–94.). Athens.

Badidi, E. & E., L. (2010). Toward the integration of bioinformatics data and services using SOA and Mashups. In *Poster presentation in the 5th International Conference on Software and Data Technologies* (pp. 95–98.). Athens.

Badidi, E., & Esmahi, L. (2010). A quality of context driven approach for the selection of context services.. Athens, Greece: In proceedings of the International Conference on e-Business,.

Bagheri, E., Asadi, M., Gasevic, D., & Soltani, S. (2010). Stratified Analytic Hierarchy Process: Prioritization and Selection of Software Features. In *In Proceedings of The 14th International Software Product Line Conference* (pp. 300–315). South Korea: Springer.

Bagheri, E., Noia, T.D., Ragone, A., & Gasevic, D. (2010). Configuring Software Product Line Feature Models based on Stakeholders' Soft and Hard Requirements. In *In Proceedings of The 14th International Software Product Line Conference* (pp. 16–31). South Korea: Springe.

Boskovic, M., Mussbacher, G., Bagheri, E., Amyot, D., Gasevic, D., & Hatala, M. (2010). Aspect-oriented Feature Models. In *15th Int'l Workshop on Aspect-Oriented Modeling at MoDELS'10* (pp. 110–124). Norway: Springe.

Chang, M. & K. (2010). Web-based Multiplayer Online Role Playing Game (MORPG) for Assessing Students' Java Programming Knowledge and Skills. In *the 3rd IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning* (pp. 103–107). Kaohsiung.

Chang, W., & Tan, Q. (2010). Augmented Reality System Design and Scenario Study for Location-based Adaptive Mobile Learning.. Hong Kong, China: the Proceeding of the 13th IEEE International Conference on Computational Science and Engineering.

Chang, W., Tan, Q., & Tao, F.W. (2010). Multi-Object Oriented Augmented Reality for Location-based Adaptive Mobile Learning. In *Advanced Learning Technologies (ICALT)*. Sousse, Tunisia: The 10th IEEE International Conference on Advanced Learning Technologies.

Chu, H. - C., Hwang, G.J., Tsai, C.-C., Chen, C.-Y., & Kinshuk. (2010). A Context-Aware Ubiquitous Learning Environment for Enhancing Science Inquiry Ability of Students via On-Site Device Operating. In *Workshop Proceedings of the 18th International Conference on Computers in Education 2010* (pp. 193–201). Selangor, Malaysia: Universiti Putra Malaysia.

Cutrone, L. & C., M. (2010). Automarking: Automatic Assessment of Open Questions. In *10th IEEE International Conference on Advanced Learning Technologies* (pp. 143–147). Sousse.

- El Kadi, M., & Kumar, V. (2010). Evaluation of instructional design using Bayesian belief networks. (pp. 132–145). The ICEM-CIME 2009 Conference - Literacy and You in a Digital Age.
- El Kadi, M., & Kumar, V. (2010). Evaluation of instructional design using Bayesian belief networks. (pp. 132–145). The ICEM-CIME 2009 Conference - Literacy and You in a Digital Age.
- El Kadi, M., & Kumar, V. (2010). MI-IDEM: A model to evaluate instructional design using Bayesian belief networks. (pp. 1–8). The 2010 9th International Conference on Information Technology Based Higher Education and Training.
- El Kadi, M., & Kumar, V. (2010). MI-IDEM: A model to evaluate instructional design using Bayesian belief networks. (pp. 1–8). The 2010 9th International Conference on Information Technology Based Higher Education and Training.
- El Kadi, M., & Kumar, V. (2010). A Model to Evaluate Instructional Design Using Bayesian Belief Networks, 9th International Conference on Information Technology Based Higher Education and Training. (pp. 1–8). Cappadocia, Turkey.
- Fan, M. - X., Chang, M., Kuo, R., & Heh, J.-S. (2010). Using Story-based Virtual Experiment to Help Students Building Their Science Process Skills. In *In the Proceedings of the AACE 22th World Conference on Educational Multimedia, Hypermedia & Telecommunications, (ED-MEDIA 2010)* (pp. 3350–3355). Toronto, Canada,: In the Proceedings of the AACE 22th World Conference on Educational Multimedia, Hypermedia & Telecommunications.
- Graf, S., & Kinshuk. (2010). Using Cognitive Traits for Improving the Detection of Learning Styles. International Workshop on Social and Personal Computing for Web-Supported Learning Communities (SPeL2010). In *Workshop Proceedings of the International Conference on Database and Expert Systems Applications (DEXA 2010)* (pp. 74–78). Bilbao, Spain: IEEE.
- Graf, S., Kinshuk, & Ives, C. (2010). A Flexible Mechanism for Providing Adaptivity Based on Learning Styles in Learning Management Systems. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies* (pp. 30–34). Sousse, Tunisia: IEEE Computer Society.
- Graf, S., Kinshuk, Zhang, Q., Maguire, P., & Shtern, V. (2010). An Architecture for Dynamic Student Modelling of Learning Styles in Learning Systems and its Application for Adaptivity. In *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age* (pp. 103–110). Lisbon: Portugal: IADIS Press.
- Kaloo, V., Kinshuk, & Mohan, P. (2010). Personalized Game Based Mobile Learning to Assist High School Students with Mathematics. In J. M & Spector D. Sampson Kinshuk M. Jemni (Ed.), *Proceedings of the 10th IEEE International Conference on Advanced Learning Technologies* (pp. 485–487). Los Alamitos: IEEE Computer Society Press.
- Khan, F. A., Graf, S., Weippl, E.R. & Tjoa, A.M. (2010). Implementation of Affective States and Learning Styles Tactics in Web-based Learning Management Systems. International Workshop on Design Centered and Personalized Learning in Liquid and Ubiquitous Learning Places - Future Visions and Practical Implementations (DULP 2010). In *Proceedings of the IEEE International Conference on Advanced Learning Technologies* (pp. 734–735). Sousse, Tunisia: IEEE Computer Society.
- Khan, F. A., Graf, S., Weippl, E.R. and Tjoa, A.M. & Iqbal, T. (2010). Role of Learning Styles & Affective States in Web-based Adaptive Learning Environments. In *Proceedings of the World*

Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-Media 2010) (pp. 3896–3905). Toronto, Canada: AACE.

Kinshuk, G., S., Chang, M., Dron, J., Wen, D., Kumar, V., Tan, Q., Yang, G., & Lin O. (2010). Adaptivity and Personalization in Ubiquitous Learning Environments. In *Education Reform and Research in the Era of Transition* (pp. 275–285). Beijing: Peking University.

Kinshuk, G., S., Chang, M., Dron, J., Wen, D., Kumar, V., Tan, Q., Yang, G., & Lin, O. (2010). Adaptivity and Personalization in Ubiquitous learning environments. In *II Congreso Internacional de Ambientes Virtuales de Aprendizaje Adaptativos y Accesibles*. Cartagena, Columbia.

Kumar, V., Chang, M., & Leacock, T. (2010). Ubiquitous Writing: In Search of Traces of Writing Skills and Opportunities for Proactive Feedback. In *International Conference on Ubiquitous Learning*. Vancouver.

Kuo, R., & Chang, M. (2010). Using Intelligent Agent to Design a Pedagogical Process for Mobile Learning Environment. In *onference on Commerce and Management 2010, (CCAM 2010)* (pp. 105–110). Tainan, Taiwan: Conference on Commerce and Management.

Kuo, R., Chang, M., Kinshuk, & Liu, E. Z.-F. (2010). Applying Multiplayer Online Game in Actionscript Programming Courses for Students Doing Self-Assessment. In *In the Proceedings of Workshop on New Paradigms in Learning: Robotics, Playful Learning, and Digital Arts, in the 18th International Conference on Computers in Education, (ICCE 2010)* (pp. 351–355).), Putrajaya, Malaysia: In the Proceedings of Workshop on New Paradigms in Learning: Robotics, Playful Learning, and Digital Arts, in the 18th International Conference on Computers in Education,.

Liu, M. - C., Wen, D., Kinshuk, & Huang, Y. -M. (2010). Learning Animal Concepts with Semantic Hierarchy-based Location-aware Image Browsing and Ecology Task Generator. In & Liu C.-C. R. Pea U. Hoppe. In *Proceedings of the 6th IEEE International Conference on Wireless, Mobile and Ubiquitous Technologies in Education* (pp. 42–49). Los Alamitos: IEEE.

Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C.-W. (2010). Architecture and Collaborations among Agents in Mobile Educational Game. In *In the Proceedings of the 7th IEEE International Workshop on Pervasive Learning, Life, and Leisure, in IEEE Pervasive Computing and Communication 2011 (PerCom 2011)* (pp. 171–175). Seattle, WA, USA: the 7th IEEE International Workshop on Pervasive Learning, Life, and Leisure, in IEEE Pervasive Computing and Communication.

Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C.-W. (2010). Context-awareness Learning Activity Generation and its Agents in a Mobile Educational Game. In *Asia-Pacific Conference on Technology Enhanced Learning*. Osaka.

Munyikwa, K., & Knight, C.E. (2010). Deep vertical Coring of Prairie dune structures for luminescence dating. In *Proceedings of the Prairie Summit* (pp. 221–224). Regina: Joint Conference of the CAG, CCA, CGRG and CRSS.

Sakurai, Y., Kinshuk, Takada, K., Kawabe, T., Knauf, R., & Tsuruta, S. (2010). Evaluation of Enriched Cyberspace for Adaptive Support of Remote Collaboration. In *Proceedings of the 6th International Conference on Signal Image Technology & Internet Based Systems* (pp. 225–232). Los Alamitos, CA: IEEE Computer Society.

Tan, Q., Kinshuk, Jeng, Y.-L., & Huang, Y.-M. (2010). A Collaborative Mobile Virtual Campus System Based on Location-Based Dynamic Grouping. In *Proceedings of the 10th IEEE International Conference on Advanced Learning Technologies* (pp. 16–18). Los Alamitos: IEEE Computer Society

Press.

Tao, F. W., & Tan, Q. (2010). Data Mining Platform for augmented Reality on Mobile Learning.. Sousse, Tunisia: The 10th IEEE International Conference on Advanced Learning Technologies.

Tavalae, M., Bagheri, E., Lu, W. & Ghorbani, A.A. (2010). Automatic Discovery of Network Applications: A Hybrid Approach. In *In Proceedings of The 23rd Canadian Conference on Artificial Intelligence* (pp. 208–219). Ottawa, Canada: Springer.

Teng, D. C. - E., Leo, T., Kinshuk, & Chen, N.-S. (2010). A Preliminary Study on Students' Learning Experience in an International Online Synchronous Research Seminar. In *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age* (pp. 63–70). Lisbon: Portugal: IADIS Press.

Wang, H. (2010). Towards real virtual classroom.. Toronto: AACE.

Wei, C. - W., Chen, N.-S., & Kinshuk. (2010). A Model for Social Presence in an Online Classroom. In S. L. Wong, S. C. Kong and F.-Y. Yu. In *Proceedings of the 18th International Conference on Computers in Education 2010* (pp. 718–722). Selangor, Malaysia: Universiti Putra Malaysia.

Yang, G., Kinshuk, & Graf, S. (2010). A Practical Student Model for a Location-Aware and Context-Sensitive Personalized Adaptive Learning System. In *Proceedings of the IEEE Technology for Education Conference (T4E 2010)* (pp. 130–133). Bombay, India: IEEE Computer Society.

2009

Badidi, E., Esmahi, L., Serhani, M.A., & Ikbal, T. (2009). A QoS-Broker Based Framework for Personalized Web Services Provisioning to Mobile Users. In *The International Conference on Wireless Information Networks and Systems* (pp. 147–152.). Milan.

Badidi, E., Esmahi, L., Serhani, M.A., & Ikbal, T. (2009). QoS-Broker Based Framework for Personalized Web Services Provisioning to Mobile Users.. Milan, Italy: The International Conference on Wireless Information Networks and Systems.

Brokenshire, D., & Kumar, V. (2009). Discovering causal models of self-regulated learning. In V. D. et al. (Ed.), (pp. 257–264). The 14th International Conference on Artificial Intelligence in Education.

Brokenshire, D., & Kumar, V. (2009). Discovering causal models of self-regulated learning. In V. D. et al. (Ed.), (pp. 257–264). The 14th International Conference on Artificial Intelligence in Education.

Brokenshire, D., & Kumar, V. (2009). Learning models of self-regulated learning. In *Proceedings of the International Conference on Artificial Intelligence in Education (AIED 09)* (pp. 257–264).

Chen, P., Kuo, R., Chang, M., & Heh, J.-S. (2009). Designing a Trading Card Game as Educational Reward System to Improve Students' Learning Motivations.. Banff, AB, Canada: In the Proceedings of the 4th International Conference on E-Learning and Games.

Derntl, M., & Graf, S. (2009). Impact of Learning Styles on Student Blogging Behavior. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies (ICALT 2009)* (pp. 369–373). Riga, Latvia: IEEE Computer Society.

Doherty, L., & Kumar, V. (2009). Teaching programming through games. (pp. 111–113). The International Workshop on Technology for Education. Ieee.

- Doherty, L., & Kumar, V. (2009). Teaching programming through games. (pp. 111–113). The International Workshop on Technology for Education. Ieee.
- Dron, J., & Anderson, T. (2009). On the Design of Collective Applications. In *the Symposium on Social Intelligence and Networking , at Social Computing*. Vancouver.
- Dutchuk, M., Mohammadi, K. A. & Lin, F. (2009). A Multi-Agent Game-Style Learning Activity. In M. Hirose G-D Chen Kinshuk R. K. M Chang (Ed.), *EduTainment 2009* (pp. 263–272). Banff, Canada.
- Ensan, F., Bagheri, E., & Du, W. (2009). The Effect of Modification and Update Propagation on Modular Ontologies. In *In Proceedings of Second Canadian Semantic Web Symposium*. Kelowna, BC.
- Graf, S., & Kinshuk. (2009). Advanced Adaptivity in Learning Management Systems by Considering Learning Styles. In *International Workshop on Social and Personal Computing for Web-Supported Learning Communities (SPeL 2009)* (pp. 235–238). Milan, Italy: Proceedings of the IEEE/WIC/ACM International Joint Conferences on Web Intelligence and Intelligent Agent Technology,.
- Graf, S., Lan, C.-H., Liu, T.-C., & Kinshuk. (2009). Investigations about the Effects and Effectiveness of Adaptivity for Students with different Learning Styles. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies (ICALT 2009)* (pp. 415–419). Riga, Latvia: IEEE Computer Society.
- Jashki, A., Makki, M., Bagheri, E., & Ghorban, A. A. (2009). An Iterative Hybrid Filter-Wrapper Approach to Feature Selection for Document Clustering. In *In Proceedings of Canadian Conference on Artificial Intelligence* (pp. 74–85). Kelowna, BC: Springer.
- Kadi M., & K. V. (2009). Evaluation of Instructional Design using Bayesian Belief Networks. (pp. 132–145). Dhahi, UAE: Proceedings of the International Conference on Educational Media.
- Khan, F. A., Graf, S., Weippl, E.R., & Tjoa, A.M. (2009). An Approach for Identifying Affective States through Behavioral Patterns in Web-based Learning Management System. In *Proceedings of the International Conference on Information Integration and Web-based Applications & Services (iiWAS2009)* (pp. 429–433). Kuala Lumpur, Malaysia: ACM.
- Khan, F. A., Graf, S., Weippl, E.R., & Tjoa, A.M. (2009). Integrated Approach for the Detection of Learning Styles and Affective States. In *Proceedings of the World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-Media 2009)* (pp. 753–761.). Honolulu, Hawaii.
- Kinshuk, C., M., Graf, S., & Yang, G. (2009). Adaptivity and Personalization in Mobile Learning. In *Proceedings of the American Educational Research Association Annual Meeting (AERA 2009)*. San Diego, CA , USA.: Technology, Instruction, Cognition and Learning Special Interest Group, Session on The Future of Adaptive Tutoring and Personalized Instruction,.
- Kobryn, M., Lewenza, S., & Reckseidler-Zenteno, S. L. (2009). Identification of Genes Responsible for the Survival of *Pseudomonas aeruginosa* in Water. Abst..
- Kuo, C. - W., Yang, J.-M., Lin, Q.-P., & Chang, M. (2009). E-Learning: The Strategies of Learning Culture and Arts. In *In the Proceedings of the 4th International Conference on E-Learning and Games* (pp. 101–107). Banff, AB, Canada: In the Proceedings of the 4th International Conference on E-Learning and Games.
- Li, S. - C., Chu, K.-K., & Chang, M. (2009). Applying Formal Concept Analysis to Teaching Material

Extraction. In *In the Proceedings of the AACE World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education* (pp. 481–487).

Lin, F., Kinshuk, & Dutchuk, M. (2009). Multiagent architecture for incorporating adaptivity feature into 3D learning environments. In *The 6th International Workshop on Mobile and Ubiquitous Learning Environments* (pp. 33–35). Canada: Athabasca University.

Lin, Y. - C., Liu, T.-C., Chang, M., & Yeh, S.-P. (2009). Exploring Children's Perceptions of the Robots. In the Proceedings of the 4th International Conference on E-Learning and Games. In *In the Proceedings of the 4th International Conference on E-Learning and Games* (pp. 512–517.). Banff, AB, Canada: In the Proceedings of the 4th International Conference on E-Learning and Games,.

Liu, D., & Chang, M. (2009). Recommend Touring Routes to Travelers according to Their Sequential Wandering Behaviours. In *In the Proceedings of the 10th International Symposium on Pervasive Systems, Algorithms and Networks* (pp. 350–355). Kaohsiung, Taiwan: In the Proceedings of the 10th International Symposium on Pervasive Systems, Algorithms and Networks.

Loewen, J., & Kinshuk. (2009). The Study and Application of IMS Learning Design Specifications in a Mobile Context. In *IEEE Joint Conferences on Pervasive Computing* (pp. 39–44). Piscataway, NJ: IEEE.

MacGregor, J. & L., S. (2009). Pathfinding strategy for multiple non-playing characters in 2.5 D game worlds.. Banff, Canada: The 4th International Conference on E-Learning and Games.

Meller, T., E. Wang, F. Lin, & C. Yang,. (2009). New Classification Algorithms for Developing Online Program Recommendation Systems. In *International Conference on Mobile*. Cancun, Mexico.

Mu, P., & Chang, M. (2009). Time-decay-based Reputation Method for Buyers Making Decisions in Online Shopping. In *In the Proceedings of the 9th International Conference on Electronic Business* (pp. 280–285). Wynn Macau: In the Proceedings of the 9th International Conference on Electronic Business.

Sakurai, Y., Kinshuk, Graf, S. Zarypolla, A., Takada, K., Knauf, R., & Tsuruta, S. (2009). Proposal and Evaluation of Multimedia Adaptive Utilization Method for Reliable Web based Collaboration. In *Proceedings of the IEEE International Conference on Signal-Image Technology and Internet-Based Systems (SITIS 2009)* (pp. 1–8). Marrakech, Morocco: IEEE Computer Society.

Sakurai, Y., Kinshuk, Graf, S., Zarypolla, A., Takada, K. and Tsuruta, S. (2009). Enriching web based computer supported collaborative learning systems by considering misunderstandings among learners during interactions. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies (ICALT 2009)* (pp. 306–310). Riga, Latvia: IEEE Computer Society.

Tan, Q., Kinshuk, Kuo, Y.-H., Jeng, Y.-L. Wu, P.-H., Huang, Y.-M., Liu, T.-C., & Chang., M. (2009). Location-Based Adaptive Mobile Learning Research Framework and Topics. In *In the Proceedings of the 12th IEEE International Conference on Computational Science and Engineering* (pp. 140–147). Vancouver, Canada: In the Proceedings of the 12th IEEE International Conference on Computational Science and Engineering.

Tavalae, M., Bagheri, E., Lu, W., & Ghorbani, A.A. (2009). A Detailed Analysis of the KDD CUP 99 Data Set. In *In Proceedings of IEEE Symposium on Computational Intelligence for Security and Defence Applications* (pp. 1–6). Ottawa, Ontario: IEEE.

Wang, H. (2009). Using RSS in Collaborative Course Development, in proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education.. Vancouver:

AACE.

Werneck, E., & Chang, M. (2009). Where Academics Meet the Real World: Difficulties Encountered when Conducting a Project for Designing a Game-Based Learning in a Company. In *In the Proceedings of the 4th International Conference on E-Learning and Games* (pp. 176–183). Banff, AB, Canada: In the Proceedings of the 4th International Conference on E-Learning and Games.

Y. Liu, C. Y., Y. Yang, F. Lin, and X. Du. (2009). Case Learning in CBR-Based Agent Systems for Ship Collision Avoidance. In *12th International Conference on Principles of Practice in Multi-Agent Systems*. Japan.

Ying, K., Wu, S., Chang, M., & Heh, J.-S. (2009). Narrative Elements Analysis for Educational Mobile Game Developmen. In *In the Proceedings of Technology Enhanced Learning Conference 2009*. Taipei, Taiwan: In the Proceedings of Technology Enhanced Learning Conference.

2008

Badidi, E., Esmahi, L., Serhani, M.A. & Bouktif, S. (2008). A Web Services based Framework for Uniform Integration of Command-line Bioinformatics Software Tools. In *the Fifth International Conference on Innovations in Information Technology*. Al-Ain United Arab Emirates.

Badidi, E., Serhani, M.A. & Esmahi, L. (2008). A Policy-based Framework for QoS Management in Service Oriented Environments. In *the IEEE International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering*.

Badidi, E., Serhani, M.A., Elkoutbi, M. & Esmahi, L. (2008). Practical Load Distribution Models for Web Services based environments. In *the IEEE International MCETECH Conference on e-Technologies* (pp. 258–261). Montreal.

Brokenshire, D., & Kumar, V. (2008). Causal models for learning technology. (pp. 262–264). The Eighth IEEE International Conference on Advanced Learning Technologies. Ieee.

Brokenshire, D., & Kumar, V. (2008). Causal models for learning technology. (pp. 262–264). The Eighth IEEE International Conference on Advanced Learning Technologies. Ieee.

Brokenshire, D., & Kumar, V. (2008). Causal Models for Learning Technology. (pp. 262–264). Proceedings of IEEE's International Conference on Advanced Learning Technologies.

Chang, C., Wu, S., Chang, M. & Heh, J.-S. (2008). Activity Generator for Informal Learning in Museum. In *the 7th WSEAS International Conference on E-ACTIVITIES* (pp. 189–194). Cairo.

Chang, M., Tan, Q., Liu, T.-C., & Lin, O. (2008). Multi-Agent Architecture-based Location-aware Service Project for Ubiquitous Learning. In *In the Proceedings of Workshop on Ubiquitous Learning Models for K-12, Higher Education, and Adult Education, in the 16th ICCE* (pp. 233–240). Taipei.

Chang, M., Tan, Q., Liu, T.-C., & Lin, O. (2008). Multi-Agent Architecture-based Location-aware Service Project for Ubiquitous Learning. In *In Proceedings of Workshop on Ubiquitous Learning Models for K-12, Higher Education, and Adult Education, in the 16th International Conference on Computers in Education (ICCE 2008)* (pp. 233–240). In the Proceeding of Workshop on Ubiquitous Learning Models for K-12, Higher Education, and Adult Education, in the 16th International Conference on Computers in Education.

Chang, Y. - F., Liu, E. Z-F., & Chang, M. (2008). The Pilot of Self Presentation and Self Disclosure with Blogging. In *the 7th WSEAS International Conference on E-ACTIVITIES* (pp. 172–176). Cairo.

Chang, Y. - F., Liu, Eric Z-F., & Chang., M. (2008). The Pilot of Self Presentation and Self Disclosure with Blogging. In *In the Proceedings of the 7th WSEAS International Conference on E-ACTIVITIES (E-Learning, E-Communities, E-Commerce, E-Management, E-Marketing, E-Governance, Tele-Working)* (pp. 172–176). In the Proceedings of the 7th WSEAS International Conference on E-ACTIVITIES.

Chen, S. - B., Kuo, R., Chang, M., Liu, T.-C. & Heh, J.-S. (2008). Developing True/False Test Sheet Generating System with Diagnosing Basic Cognitive Ability. (pp. 5740–5748). Vienna, Austria: In the Proceedings of the AACE 20th World Conference on Educational Multimedia, Hypermedia & Telecommunications.

Graf, S., & Kinshuk. (2008). Adaptivity and Personalization in Ubiquitous Learning Systems. International Workshop on Adaptivity and Personalization in Ubiquitous Learning Systems. In *Proceedings of the Symposium on Usability and Human Computer Interaction for Education and Work* (pp. 331–338). Graz, Austria: Springer.

Graf, S., & Kinshuk. (2008). Analysing the Behaviour of Students in Learning Management Systems with respect to Learning Styles. In *Advanced in Semantic Media Adaptation and Personalization* (Vol. 93, pp. 53–74). Springer.

Graf, S., Kinshuk, & Liu, T.-C. (2008). Identifying Learning Styles in Learning Management Systems by Using Indications from Students' Behaviour. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies (ICALT 2008)*, (pp. 482–486). Santander, Spain: IEEE Computer Society.

Graf, S., Liu, T.-C., & Kinshuk. (2008). Interactions between Students' Learning Styles, Achievement and Behaviour in Mismatched Courses. In *Proceedings of the International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2008)* (pp. 223–230). Freiburg, Germany.

Graf, S., MacCallum, K, Liu, T-C, Chang, M., Wen, D., Tan, Q., Dron, J., Lin, F., McGreal, R., & Kinshuk. (2008). An Infrastructure for Developing Pervasive Learning Environments. In *In the Proceedings of the 6th Annual IEEE International Conference on Pervasive Computing and Communications* (pp. 389–394). Hong Kong.

Graf, S., MacCallum, K., Liu, T.-C., Chang, M., Wen, D., Tan, Q., Dron, J., Lin, F., Chen, N.-S., McGreal, R., & Kinshuk. (2008). An Infrastructure for Developing Pervasive Learning Environments. International Workshop on Pervasive Learning. In *Proceedings of the IEEE International Conference on Pervasive Computing and Communications* (pp. 389–394). Hong Kong: IEEE Computer Society.

Huang, K. - H., Liu, T.-C., Graf, S., & Lin, Y.-C. (2008). Embedding mobile technology to outdoor natural science learning based on the 7E learning cycle. In *Proceedings of the World Conference on Educational Multimedia, Hypermedia and Telecommunications* (pp. 2082–2086). Vienna, Austria.

Jung, J., & Graf, S. (2008). An Approach for Personalized Web-based Vocabulary Learning through Word Association Games. International Workshop on Social and Personal Computing for Web-Supported Learning Communities. In *Proceedings of the IEEE International Symposium on Applications and the Internet* (pp. 325–328). Turku, Finland: IEEE Computer Society.

Kuo, Y. - H., Tan, Q., Kinshuk, Huang, Y.-M., Liu, T.-C. and Chang, M. (2008). Collaborative Creation of Authentic Examples with Location for U-learning. In *In the Proceedings of the IADIS International Conference on e-Learning 2008* (Vol. 2, pp. 16–20). Amsterdam, Netherlands: . In the Proceedings of the IADIS International Conference on e-Learning 2008.

Kuo, Y. - H., Tan, Q., Kinshuk, Huang, Y.-M., Liu, T.-C., & Chang, M. (2008). Learning by Collaborative Creating of Authentic Example. In *In the Proceedings of Doctoral Student Consortium for CUMTEL & DIGITEL, in the 16th International Conference on Computers in Education* (pp. 15–16). Taipei, Taiwan: In the Proceeding of Doctoral Student Consortium for CUMTEL & DIGITEL, in the 16th International Conference on Computers in Education.

Kuo, Y. - H. T., Q., Kinshuk, Huang, Y-H, Liu, T.-C, & Chang, M. (2008). Learning by Collaborative Creating of Authentic Examples. In *n the Proceedings of Doctoral Student Consortium for CUMTEL & DIGITEL, in the 16th International Conference on Computers in Education, (ICCE 2008)*. Taipei: the ICCE Conference.

Kuo, Y. - H. T., Q., Kinshuk, Huang, Y-H, Liu, T.-C, & Chang, M.Y.-H. Tan, Q., Kinshuk, Huang, Y-H, Liu, T.-C, & Chang, M. (2008). Learning by Collaborative Creating of Authentic Example. In *in the 16th International Conference on* (pp. 15–16). Taipei: In the Proceedings of Doctoral Student Consortium for CUMTEL & DIGITEL.

Leung, S., Lin, F., & Wen, D. (2008). Towards a data-driven ontology engineering framework. In *AIED/ITS and Adaptive Learning*. Taipei, Taiwan,: . ICCE.

Lin, C. - H., Liu, E.Z.-F., Cheng, S.-S., Ko, H.-W., & Chang, M. (2008). To Be an e-Tutor Or Not to Be an e-Tutor. In *the 7th WSEAS International Conference on E-ACTIVITIES* (pp. 149–153). Cairo.

Lin, C. - H., Liu, E.Z.-F., Cheng, S.-S., Ko, H.-W., & Chang, M. (2008). To Be an e-Tutor Or Not to Be an e-Tutor. In *In the Proceedings of the 7th WSEAS International Conference on E-ACTIVITIES (E-Learning, E-Communities, E-Commerce, E-Management, E-Marketing, E-Governance, Tele-Working)* (pp. 149–153). Cairo, Egypt: In the Proceedings of the 7th WSEAS International Conference on E-ACTIVITIES.

Liu, C. - L., Kuo, R., Chang, M., & Heh, J.-S. (2008). Generating Interest-based Learning Paths based on Information Theory. In *In the Proceedings of the AACE 20th World Conference on Educational Multimedia, Hypermedia & Telecommunications* (pp. 4235–4242). Vienna, Austria: In the Proceedings of the AACE 20th World Conference on Educational Multimedia, Hypermedia & Telecommunications.

Liu, C. - L., Wu, S., Kuo, R., Chang, M., & Heh, J.-S. (2008). Guiding Students to do Remedial Learning in School Campus with Learning Objects' Spatial Relations. In *In the Proceedings of Workshop on Ubiquitous Learning Models for K-12, Higher Education, and Adult Education, in the 16th International Conference on Computers in Education* (pp. 249–256). Taipei, Taiwan: In the Proceeding of Workshop on Ubiquitous Learning Models for K-12, Higher Education, and Adult Education, in the 16th International Conference on Computers in Education.

Liu, T. - C., & Chang, M. (2008). Human-Robot Interaction Research Issues of Educational Robots. In *In the Proceedings of the 2nd IEEE International Conference on Digital Games and Intelligent Toys Based Education* (pp. 209–210).), Banff, AB, Canada: In the Proceedings of the 2nd IEEE International Conference on Digital Games and Intelligent Toys Based Education.

Liu, T. - C., Chang, M., Ko, H.-W., Wang, Y., & Yeh, S.-P. (2008). Design and Development of Web-based Peer Review System for Enhancing Students' Audience Awareness and Reflective Thoughts. In *In the Proceedings of the AACE 20th World Conference on Educational Multimedia, Hypermedia & Telecommunications* (pp. 2265–2272). Vienna.

Liu, T. - C., Lin, Y.-C., Kinshuk, & Chang, M. (2008). Individual Differences in Learning with Simulation Tool: A Pilot Study. In *In the Proceedings of the 8th IEEE International Conference on Advanced Learning Technologies* (pp. 501–503). Cantabria, Spain: In the Proceedings of the 8th IEEE

International Conference on Advanced Learning Technologies.,

Rao S., & K., V. (2008). A theory-centric realtime assessment of programming. (pp. 139–143). Proceedings of IEEE's International Conference on Advanced Learning Technologies.

Wang, H. (2008). Implement and deploy mobile learning in open universities - the big promise and Many challenges ahead, in proceedings of E-Learn.. Las Vegas: CSREA.

Wen, D. & L., F. (2008). Ways and Means of Employing AI Technology in E-Learning Systems. In *In Proceedings of the Eighth IEEE International Conference on Advanced Learning Technologies, (ICALT 2008)*. (pp. 1005–1006).

Wen, D., Jiang, S., & He, Y. (2008). A Question Answering System based on VerbNet Frames. In *In Proceedings of the IEEE International Conference on Natural Language Processing and Knowledge Engineering* (pp. 435–442). Beijing: IEEE.

Wu, S., Chang, A., Chang, M., Yen, Y.-R., & Heh, J.-S. (2008). Identifying Personalized Context-aware Knowledge Structure for Individual User in Ubiquitous Learning Environment. In *In the Proceedings of the 5th International Conference on Wireless, Mobile and Ubiquitous Technologies in Education* (pp. 95–99). Beijing, China: In the Proceedings of the 5th International Conference on Wireless, Mobile and Ubiquitous Technologies in Education.

Wu, S., Chang, M., & Heh, J.-S. (2008). Game-based Learning Scenes Design for Individual User in Ubiquitous Learning Environment. In *In the Proceedings of the 3rd International Conference on E-Learning and Games* (pp. 451–462). Nanjing, China: In the Proceedings of the 3rd International Conference on E-Learning and Games.

Wu, S., Chang, M., Lin, H.-N., & Heh, J.-S. (2008). Design Petri Net to Simulate the Processes of Tele-Healthcare. In *In the Proceedings of the 7th WSEAS International Conference on E-ACTIVITIES (E-Learning, E-Communities, E-Commerce, E-Management, E-Marketing, E-Governance, Tele-Working)* (pp. 183–188). Cairo, Egypt: In the Proceedings of the 7th WSEAS International Conference on E-ACTIVITIES.

Wu, Z. - H., Zhu, Z-T., Chang, M., & Wu, Y-H. (2008). Gaps between Metadata Standards of Learning Objects and Educational Needs of Multimedia Learning Resources. In *In the Proceedings of the 7th WSEAS International Conference on E-ACTIVITIES (E-Learning, E-Communities, E-Commerce, E-Management, E-Marketing, E-Governance, Tele-Working)* (pp. 177–182). Cairo, Egypt: In the Proceedings of the 7th WSEAS International Conference on E-ACTIVITIES.

Yeh, S. - P., Liu, T.-C., Graf, S., & Wang, Y. (2008). Exploring the Development of Web-based Peer Assessment System. In *Proceedings of the World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-Media 2008)*, (pp. 5088–5093). Vienna, Austria.

2007

Abaza, M., & Steyn, O. (2007). Serious Games.. Kamloops, BC: Western Canadian Conference on Computing Education (WCCCE).

Chang, A., Chang, M., & Heh, J.-S. (2007). Implementing a Context-aware Learning Path Planner for Learning in Museum. In *In the Proceedings of the 6th WSEAS International Conference on E-ACTIVITIES* (pp. 239–243). Tenerife, Canary Islands.

Doherty, L., Kumar, V., & Winne, P. (2007). Assisted ontology instantiation: A learningKit perspective. (pp. 265–267). The IEEE International Conference on Advanced Learning Technologies.

Ieee.

Doherty, L., Kumar, V., & Winne, P. (2007). Assisted ontology instantiation: A learningKit perspective. (pp. 265–267). The IEEE International Conference on Advanced Learning Technologies. Ieee.

Graf, S., & Kinshuk. (2007). Providing Adaptive Courses in Learning Management Systems with Respect to Learning Styles. In *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (pp. 2576–2583). Quebec City, Canada.

Graf, S., Lin T., & Kinshuk. (2007). Analysing the Relationship between Learning Styles and Cognitive Traits. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies* (pp. 235–239). Niigata, Japan: IEEE Computer Society.

Graf, S., Viola, S. R., & Kinshuk. (2007). Automatic Student Modelling for Detecting Learning Style Preferences in Learning Management Systems. In *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age* (pp. 172–179). Algarve, Portugal: IADIS.

Heh, J. - S., Li, S.-C., Chang, M., & Huang, A.-H. (2007). Delivering Location-awareness Navigation Questions According to Learning Performance in Mobile Learning Environment. In *In the Proceedings of the 8th International Conference on Information Technology Based Higher Education & Training* (pp. 460–464). Kumamoto.

Kuo, R., Chang, M., Heh, J.-S., & Huang, A.-H. (2007). Generating Location-awareness Items in Mobile Learning Environment. In *In the Proceedings of the 8th International Conference on Information Technology Based Higher Education & Training* (pp. 232–236). Kumamoto.

Kuo, R., Chang, M., Wu, M.-C., Chang, A., & Heh, J.-S. (2007). Delivering Context-aware Learning Guidance in the Mobile Learning Environment based on Information Theory. In *In the Proceedings of the 7th IEEE International Conference on Advanced Learning Technologies* (pp. 362–366). Niigata.

Lan, C. - H., Graf, S., Lai, K. R., & Kinshuk. (2007). Effect of Learning Styles on Peer Assessment in an Agent-based Collaborative Learning Environment. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies* (pp. 421–423). Niigata, Japan: IEEE Computer Society.

Lin, T., Kinshuk, & Graf, S. (2007). Semantic Relation Analysis and Its Application in Cognitive Profiling. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies* (pp. 683–685). Niigata, Japan: IEEE Computer Society.

Lin, T., Kinshuk, & Graf, S. (2007). Cognitive Trait Model and Divergent Associative Learning. In *Proceedings of the IEEE International Conference on Advanced Learning Technologies* (pp. 325–327). Niigata, Japan: IEEE Computer Society.

Liu, T. - C., Kinshuk, Wang, S.-C., Lin, Y.-C., Lin, O., & Chang, M. (2007). The Effects of Students' Cognitive Styles upon applying computer multimedia to change statistical misconceptions. In *In the Proceedings of the 12th World Conference on e-Learning in Corporate, Government, Healthcare, & Higher Education* (pp. 6242–6246.). Quebec.

Scutelnicu, A., Lin, F., Kinshuk, Liu, T., Graf, S. & McGreal, R. (2007). Integrating JADE Agents into Moodle. In *International Workshop on Intelligent and Adaptive Web-based Educational Systems (IAWES 2007)* (pp. 215–220). Hiroshima, Japan: Proceedings of the International Conference on Computers in Education.

Viola, S. R., Graf, S., & Kinshuk. (2007). Detecting learners' profiles based on the Index of Learning Styles data. *International Workshop on Intelligent and Adaptive Web-based Educational Systems. In Proceedings of the International Conference on Computers in Education* (pp. 233–238). Hiroshima, Japan.

Wen, D., Graf, S., Lan, C.H., Anderson, T., Kinshuk, & Dickson, K. (2007). Adaptive Assessment in Web-Based Learning. In *Proceedings of the IEEE International Conference on Multimedia and Expo (ICME 2007)*, (pp. 1846–1849). Beijing, China: IEEE Signal Processing Society.

2006

Badidi, E., Serhani, M.A., Elkoutbi, M. & Esmahi, L. (2006). A Broker-based Architecture for Web Services QoS Management. In *the IEEE Innovations in Information Technology Conference*. Dubai, UAE.

Graf, S., & Bekele, R. (2006). Forming Heterogeneous Groups for Intelligent Collaborative Learning Systems with Ant Colony Optimization. In *Proceedings of the International Conference on Intelligent Tutoring Systems* (pp. 217–226). Jhongli, Taiwan: Springer.

Graf, S., & Kinshuk. (2006). An Approach for Detecting Learning Styles in Learning Management Systems. In *Proceedings of the IEEE International Conference on Advances Learning Technologies* (pp. 161–163). , Kerkrade, Netherlands: IEEE Computer Society.

Graf, S., & Kinshuk. (2006). Considering Learning Styles in Learning Management Systems: Investigating the Behavior of Students in an Online Course. In *Proceedings of the IEEE International Workshop on Semantic Media Adaptation and Personalization (SMAP 2006)* (pp. 25–30). Athens, Greece: IEEE Computer Society.

Graf, S., & Kinshuk. (2006). Enabling Learning Management Systems to Identify Learning Styles. In *Proceedings of the International Conference on Interactive Computer Aided Learning*. Villach, Austria: CD-Rom.

Graf, S., Lin, T., Jeffrey, L., & Kinshuk. (2006). An Exploratory Study of the Relationship between Learning Styles and Cognitive Traits. In *Proceedings of the European Conference on Technology Enhanced Learning (EC-TEL 2006)* (pp. 470–475). Crete, Greece: Springer.

Graf, S., Viola, S.R., Kinshuk, & Leo, T. (2006). Representative Characteristics of Felder-Silverman Learning Styles: An Empirical Model. In *Proceedings of the International Conference on Cognition and Exploratory Learning in Digital Age* (pp. 235–242). Barcelona, Spain: Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2006).

Mastorakis, N., Cecchi, A., Chang, M., & Garcia, F.J. (2006). In *Proceedings of 5th WSEAS International Conference on E-ACTIVITIES*. Venice.

Michlmayr, E., Pany, A., & Graf, S. (2006). Applying Ant-based Multi-Agent Systems to Query Routing in Distributed Environments. In *Proceedings of the 3rd IEEE Conference on Intelligent Systems* (pp. 36–41). London, UK.

Viola, S. R., Graf, S., Kinshuk, & Leo, T. (2006). Analysis of Felder-Silverman Index of Learning Styles by a Data-driven Statistical Approach. *International Workshop on Multimedia Technologies for E-Learning (MTEL 2006)*. In *Proceedings of the IEEE International Symposium on Multimedia* (pp. 959–964). San Diego, USA: IEEE Computer Society.

2005

Badidi, E., Serhani, M.A. & Esmahi, L. (2005). A Queuing Model for Service Selection of Multi-classes QoS-aware Web Services. In *the 3rd IEEE European Conference on Web Services* (pp. 204–212). VärfÅxjÃfÅ', Sweden.

Bogyo, B., Brokenshire, D., Loughed, P., Jordanov, M., Doherty, L., & Kumar, V. (2005). Populating and metatagging electronic profiles with gStudy learning objects. Poster at the I2LOR - E-Learning for the Future: from Content to Services, 2nd Annual Scientific Con.

Bogyo, B., Brokenshire, D., Loughed, P., Jordanov, M., Doherty, L., & Kumar, V. (2005). Populating and metatagging electronic profiles with gStudy learning objects. Poster at the I2LOR - E-Learning for the Future: from Content to Services, 2nd Annual Scientific Con.

Brokenshire, D., & Kumar, V. (2005). An ontological framework to collect and disseminate user model data. Poster, I2LOR - E-Learning for the Future: from Content to Services, 2nd Annual Scientific Conferenc.

Brokenshire, D., & Kumar, V. (2005). An ontological framework to collect and disseminate user model data. Poster, I2LOR - E-Learning for the Future: from Content to Services, 2nd Annual Scientific Conferenc.

Brokenshire, D., Kumar, V., & Shakya, J. (2005). Providing information for mixed initiative interaction via interoperable user modeling. In D. W. Aha, & G. Tecuci (Eds.), (pp. 16–21). *Mixed-initiative problem-solving assistants*, The American Association of Artificial Intelligence Fal. Menlo Park, California: The AAAI Press.

Brokenshire, D., Kumar, V., & Shakya, J. (2005). Providing information for mixed initiative interaction via interoperable user modeling. In D. W. Aha, & G. Tecuci (Eds.), (pp. 16–21). *Mixed-initiative problem-solving assistants*, The American Association of Artificial Intelligence Fal. Menlo Park, California: The AAAI Press.

Doherty, L., & Kumar, V. (2005). Mixed-initiative and ontology-based agents as learning objects in educational games. Poster at the I2LOR - E-Learning for the Future: from Content to Services, 2nd Annual Scientific Con.

Doherty, L., & Kumar, V. (2005). Mixed-initiative and ontology-based agents as learning objects in educational games. Poster at the I2LOR - E-Learning for the Future: from Content to Services, 2nd Annual Scientific Con.

Doherty, L., Loughed, P., Brokenshire, D., Jordanov, M., Rao, S., Shakya, J., et al. (2005). Recognizing opportunities for mixed-initiative interactions in novice programming. In D. W. Aha, & G. Tecuci (Eds.), (pp. 51–56). *Mixed Initiative Problem-Solving Assistants*, The American Association of Artificial Intelligence Fal. Menlo Park, California: The AAAI Press.

Doherty, L., Loughed, P., Brokenshire, D., Jordanov, M., Rao, S., Shakya, J., et al. (2005). Recognizing opportunities for mixed-initiative interactions in novice programming. In D. W. Aha, & G. Tecuci (Eds.), (pp. 51–56). *Mixed Initiative Problem-Solving Assistants*, The American Association of Artificial Intelligence Fal. Menlo Park, California: The AAAI Press.

Doherty, L., Whitney, M., Shakya, J., Jordanov, M., Loughed, P., Brokenshire, D., et al. (2005). Mixed-initiative in computer games: Algorithmic content creation in open-ended worlds. In D. W. Aha, & G. Tecuci (Eds.), (pp. 46–50). *Mixed Initiative Problem-Solving Assistants*, The American Association of Artificial Intelligence Fal. Menlo Park, California: The AAAI Press.

Doherty, L., Whitney, M., Shakya, J., Jordanov, M., Lougheed, P., Brokenshire, D., et al. (2005). Mixed-initiative in computer games: Algorithmic content creation in open-ended worlds. In D. W. Aha, & G. Tecuci (Eds.), (pp. 46–50). *Mixed Initiative Problem-Solving Assistants*, The American Association of Artificial Intelligence Fal. Menlo Park, California: The AAAI Press.

Graf, S. (2005). Fostering Adaptivity in E-Learning Platforms: A Meta-Model Supporting Adaptive Courses. In *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age* (pp. 440–443). Porto, Portugal.

Graf, S., & List, B. (2005). An Evaluation of Open Source E-Learning Platforms Stressing Adaptation Issues. In *Proceedings of the 5th IEEE International Conference on Advanced Learning Technologies* (pp. 163–165). Kaohsiung, Taiwan: IEEE Computer Society.

Graf, S., Liu, T., & Kinshuk. (2005). Improving Student Modeling: The Relationship between Learning Styles and Cognitive Traits. In *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age* (pp. 37–44). Porto, Portugal.

Michlmayr, I., Graf, S., Siberski, W., & Nejd, W. (2005). Query Routing with Ants. Workshop on Ontologies in P2P Communities. In *Proceedings of the European Semantic Web Conference*. Greece.

2004

Bogyo, B., Lougheed, P., Kumar, V., & Fee, J. (2004). ePortfolio systems serving multiple clientele. (pp. 17–24). The 2nd International conference on ePortfolio.

Bogyo, B., Lougheed, P., Kumar, V., & Fee, J. (2004). ePortfolio systems serving multiple clientele. (pp. 17–24). The 2nd International conference on ePortfolio.

Brokenshire, D., Bogyo, B., & Kumar, V. (2004). Towards an upper-level ontology for information exchange in ePortfolios. (pp. 25–30). The 2nd International conference on ePortfolio.

Brokenshire, D., Bogyo, B., & Kumar, V. (2004). Towards an upper-level ontology for information exchange in ePortfolios. (pp. 25–30). The 2nd International conference on ePortfolio.

Choi, A., Kumar, V., Liou, W., & Groeneboer, C. (2004). An Integrated Cost Model for Blended Learning Environments. In L. Cantoni, & C. McLoughlin (Eds.), (pp. 1012–1019). *The World Conference on Educational Multimedia, Hypermedia and Telecommunications*. Chesapeake, VA: AACE.

Choi, A., Kumar, V., Liou, W., & Groeneboer, C. (2004). An Integrated Cost Model for Blended Learning Environments. In L. Cantoni, & C. McLoughlin (Eds.), (pp. 1012–1019). *The World Conference on Educational Multimedia, Hypermedia and Telecommunications*. Chesapeake, VA: AACE.

Esmahi, L. & W., H. (2004). Toward an Agent-Based System for Mobile Learning. In E. L. & W. J. L. Wang H. (Ed.), (pp. 8–14.). Beijing.

Fee, E. J., Kumar, V., Lougheed, P., Bogyo, B., Jordanov, M., & Johnson, R. (2004). SPARC ePortfolios: Issues for research. (pp. 310–317). The 2nd International conference on ePortfolio.

Fee, E. J., Kumar, V., Lougheed, P., Bogyo, B., Jordanov, M., & Johnson, R. (2004). SPARC ePortfolios: Issues for research. (pp. 310–317). The 2nd International conference on ePortfolio.

2000

Esmahi, L. & B., J.C. (2000). Balancing between agent's individual rationality and sociability an approach based on dependency relations. In *The 14th European Conference on Artificial Intelligence*. Berlin.

1999

Esmahi, L., Dini, P. & Bernard, J.C. (1999). Towards an Open Intelligent Market Place for Mobile Agents. In *The Eighth IEEE International Workshops on Enabling Technologies* (pp. 279–286). Stanford university, California.

Esmahi, L., Dini, P. & Bernard, J.C. (1999). A negotiation approach for mobile agents used in managing telecommunication network services. (pp. 455–476). Ottawa,.

1998

Greer, J. E., McCalla, G. I., Cooke, J., Collins, J. A., Kumar, V., Bishop, A., et al. (1998). The intelligent helpdesk: Supporting peer-help in a university course. In B. P. Goettl, H. M. Halff, C. L. Redfield, & V. J. Shute (Eds.), (pp. 494–503). The International Conference on Intelligent tutoring systems. Berlin, Germany: Springer-Verlag Berlin Heidelberg.

Greer, J. E., McCalla, G. I., Cooke, J., Collins, J. A., Kumar, V., Bishop, A., et al. (1998). The intelligent helpdesk: Supporting peer-help in a university course. In B. P. Goettl, H. M. Halff, C. L. Redfield, & V. J. Shute (Eds.), (pp. 494–503). The International Conference on Intelligent tutoring systems. Berlin, Germany: Springer-Verlag Berlin Heidelberg.

1997

Collins, J. A., Greer, J. E., Kumar, V. S., McCalla, G. I., Meagher, P., & Tkatch, R. (1997). Inspectable user models for just-in-time workplace training. In A. Jameson, C. Paris, & C. Tasso (Eds.), (pp. 327–337). User modeling, The Sixth International Conference on User Modeling. Vienna, Austria: Springer Vienna.

Collins, J. A., Greer, J. E., Kumar, V. S., McCalla, G. I., Meagher, P., & Tkatch, R. (1997). Inspectable user models for just-in-time workplace training. In A. Jameson, C. Paris, & C. Tasso (Eds.), (pp. 327–337). User modeling, The Sixth International Conference on User Modeling. Vienna, Austria: Springer Vienna.

Greer, J. E., McCalla, G. I., Kumar, V., Collins, J. A., & Meagher, P. (1997). Facilitating Collaborative Learning in Distributed Organizations. (pp. 76–85). The Second International Conference on Computer Support for Collaborative Learning.

Greer, J. E., McCalla, G. I., Kumar, V., Collins, J. A., & Meagher, P. (1997). Facilitating Collaborative Learning in Distributed Organizations. (pp. 76–85). The Second International Conference on Computer Support for Collaborative Learning.

(not specified)

Bagheri, E., & Ensan, F. Evidential Reasoning for the Treatment of Incoherent Terminologies. In *In Proceedings of The 25th Annual ACM Symposium on Applied Computing* (pp. 1381–1387). Sierre, Switzerland: ACM.

Ensan, F., & Bagheri, E. A Framework for Handling Revisions in Distributed Ontologies,. In *The 25th*

Annual ACM Symposium on Applied Computing (pp. 1417–1422). Sierre, Switzerland: ACM.

Graf, S., & Kinshuk. An Approach for Dynamic Student Modelling of Learning Styles. In *Proceedings of the International Conference on Exploratory Learning in Digital Age (CELDA 2009)* (pp. 462–465). Rome, Italy.

Graf, S., Kinshuk, Zhang, Q., Maguire, P., & Shtern, V. An Architecture for Dynamic Student Modelling of Learning Styles in Learning Systems and its Application for Adaptivity. In *Proceedings of the International Conference on Cognition and Exploratory Learning in Digital Age* (pp. 103–110). Timisoara, Romania: IADIS.

Hadwin, A. F., Nesbit, J. C., Jamieson-Noel, D., Winne, P. H., & Kumar, V. Tracing self-regulated learning..

Hadwin, A. F., Nesbit, J. C., Jamieson-Noel, D., Winne, P. H., & Kumar, V. Tracing self-regulated learning..

Kinshuk, C., M., Dron, J., Graf, S., Kumar, V., Lin, O., Tan, Q., Wen, D., & Yang, G. (2011). *Transition from e-learning to u-learning: innovations and personalization issues*. Chennai.

Fan, M. - X., Chang, M., Kuo, R., & Heh, J.-S. (2010). *Using Graph Edit Distance to Diagnose Student's Science Process Skill in Physics*. Changchun: Springer LNCS.

Lin, F., Esmahi, L., Hogeboom, M. & Yang, C. (2005). *Constructing Knowledge Bases for E-Learning Using Protege 2000 and Web Services* (T.K. Y. & S. Shibata, Ed.). Taiwan.

2017

Avila, C., Baldiris, S., Fabregat, R., & Graf, S. (2017). *ATCE - - An Analytics Tool to Trace the Creation and Evaluation of Inclusive and Accessible Open Educational Resources*. Proceedings of the Seventh International Learning Analytics & Knowledge Conference on - LAK '17. ACM Press.

Jeremic, Z., Kumar, V., & Graf, S. (2017). *MORPH: Supporting the Integration of Learning Analytics at Institutional Level*. Proceedings of the Seventh International Learning Analytics & Knowledge Conference on - LAK '17. ACM Press.

2016

Bernard, J., Chang, T. - W., Popescu, E., & Graf, S. (2016). *Optimizing Pattern Weights with a Genetic Algorithm to Improve Automatic Working Memory Capacity Identification*. Intelligent Tutoring Systems. Springer International Publishing.

Ross, T., Chang, T. - W., Ives, C., Parker, N., Han, A., & Graf, S. (2016). *Improving the User-Friendliness of AAT through a Staged Evaluation*. 2016 IEEE 16th International Conference on Advanced Learning Technologies (ICALT). Ieee.

Ross, T., Chang, T. - W., Ives, C., Parker, N., Han, A., & Graf, S. (2016). *The Academic Analytics Tool: Workflow and Use Cases*. Innovations in Smart Learning. Springer Singapore.

Salas, D. J., Baldiris, S., Fabregat, R., & Graf, S. (2016). *Supporting the Acquisition of Scientific Skills by the Use of Learning Analytics*. Lecture Notes in Computer Science. Springer International

Publishing.

2015

Alvarez, D. S., Navarro, S., Fabregat, R., & Graf, S. (2015). *Apoyando la adquisición de competencias científicas a través de Analíticas del Aprendizaje*. Anais dos Workshops do IV Congresso Brasileiro de Informática na Educação (CBIE 2015). Sociedade Brasileira de Computação - SBC.

Bernard, J., Chang, T. - W., Popescu, E., & Graf, S. (2015). *Improving Learning Style Identification by Considering Different Weights of Behavior Patterns Using Particle Swarm Optimization*. State-of-the-Art and Future Directions of Smart Learning. Springer Singapore.

Bernard, J., Chang, T. - W., Popescu, E., & Graf, S. (2015). *Using Artificial Neural Networks to Identify Learning Styles*. Lecture Notes in Computer Science. Springer International Publishing.

Graf, S., Lachance, P., & Mishra, B. (2015). *Integrating Motivational Techniques into Learning Management Systems*. State-of-the-Art and Future Directions of Smart Learning. Springer Singapore.

Imran, H., Ballance, K., Da Silva, J. M. C., Kinshuk, & Graf, S. (2015). *VAT-RUBARS: A Visualization and Analytical Tool for a Rule-Based Recommender System to Support Teachers in a Learner-Centered Learning Approach*. State-of-the-Art and Future Directions of Smart Learning. Springer Singapore.

Kurcz, J. M., Chang, T. - W., & Graf, S. (2015). *Improving Communication and Project Management through an Adaptive Collaborative Learning System*. 2015 IEEE 15th International Conference on Advanced Learning Technologies. Ieee.

2014

Baldiris, S., Fabregat, R., Graf, S., & Avila, C. (2014). *Open Educational Resources Evaluation in a Learning Management System*. 2014 International Conference of Education, Research and Innovation (ICERI 2014). Ieee.

Baldiris, S., Fabregat, R., Graf, S., Tabares, V., Duque, N., & Avila, C. (2014). *Learning Object Recommendations Based on Quality and Item Response Theory*. 2014 IEEE 14th International Conference on Advanced Learning Technologies. Ieee.

Chang, T. - W., Kurcz, J., El-Bishouty, M. M., Graf, S., & Kinshuk. (2014). *Adaptive Recommendations to Students Based on Working Memory Capacity*. 2014 IEEE 14th International Conference on Advanced Learning Technologies. Ieee.

Graf, S., Chang, T. - W., Kersebaum, A., Rath, T., & Kurcz, J. (2014). *Investigating the Effectiveness of an Advanced Adaptive Mechanism for Considering Learning Styles in Learning Management Systems*. 2014 IEEE 14th International Conference on Advanced Learning Technologies. Ieee.

Imran, H., Belghis-Zadeh, M., Chang, T. - W., Kinshuk, & Graf, S. (2014). *A Rule-Based Recommender System to Suggest Learning Tasks*. Intelligent Tutoring Systems. Springer International Publishing.

Imran, H., Belghis-Zadeh, M., Chang, T. - W., Kinshuk, & Graf, S. (2014). *Toward Recommending Learning Tasks in a Learner-Centered Approach*. Emerging Issues in Smart Learning. Springer Berlin Heidelberg.

Imran, H., Hoang, Q., Chang, T. - W., Kinshuk, & Graf, S. (2014). *A Framework to Provide*

2013

Chang, T. - W., El-Bishouty, M. M., Graf, S., & Kinshuk. (2013). *An Approach for Detecting Students' Working Memory Capacity from Their Behavior in Learning Systems.* 2013 IEEE 13th International Conference on Advanced Learning Technologies. Ieee.

Chang, T. - W., El-Bishouty, M. M., Graf, S., & Kinshuk. (2013). *Recommendation Mechanism Based on Students' Working Memory Capacity in Learning Systems.* 2013 IEEE 13th International Conference on Advanced Learning Technologies. Ieee.

El-Bishouty, M. M., Saito, K., Chang, T. - W., Kinshuk, & Graf, S. (2013). *An Interactive Course Analyzer for Improving Learning Styles Support Level.* Human-Computer Interaction and Knowledge Discovery in Complex, Unstructured, Big Data. Springer Berlin Heidelberg.

Essalmi, F., Ben Ayed, L. J., Jemni, M., Kinshuk, & Graf, S. (2013). *Automating the E-learning Personalization.* Human-Computer Interaction and Knowledge Discovery in Complex, Unstructured, Big Data. Springer Berlin Heidelberg.

Fakinlede, I., Kumar, V., Wen, D., & Graf, S. (2013). *Auto Generating APA Persona: A Proposal.* 2013 IEEE 13th International Conference on Advanced Learning Technologies. Ieee.

Khribi, M. K., Jemni, M., Nasraoui, O., Graf, S., & Kinshuk. (2013). *Toward a Fully Automatic Learner Modeling Based on Web Usage Mining with Respect to Educational Preferences and Learning Styles.* 2013 IEEE 13th International Conference on Advanced Learning Technologies. Ieee.

Kladich, S., Ives, C., Parker, N., & Graf, S. (2013). *Extending the AAT Tool with a User-Friendly and Powerful Mechanism to Retrieve Complex Information from Educational Log Data.* Human-Computer Interaction and Knowledge Discovery in Complex, Unstructured, Big Data. Springer Berlin Heidelberg.

Lima, R. H. P., El-Bishouty, M. M., & Graf, S. (2013). *A Framework for Automatic Identification and Visualization of Mobile Device Functionalities and Usage.* Human-Computer Interaction and Knowledge Discovery in Complex, Unstructured, Big Data. Springer Berlin Heidelberg.

Mottus, A., Kinshuk, Graf, S., & Chen, N. - S. (2013). *Visualization and Interactivity in the Teacher Decision Support System.* 2013 IEEE 13th International Conference on Advanced Learning Technologies. Ieee.

Nakic, J., Graf, S., & Granic, A. (2013). *Exploring the Adaptation to Learning Styles: The Case of Adaptive Lesson Module for Moodle.* Lecture Notes in Computer Science. Springer Berlin Heidelberg.

2012

Graf, S., Ives, C., Lockyer, L., Hobson, P., & Clow, D. (2012). *Building a data governance model for learning analytics.* Proceedings of the 2nd International Conference on Learning Analytics and Knowledge - LAK '12. ACM Press.

Ying, K., Chang, M., Chiarella, A. F., Kinshuk, & Heh, J. - S. (2012). *Clustering Students Based on their Annotations of a Digital Text.* 2012 IEEE Fourth International Conference on Technology for Education. Ieee.

Journals

2012

Chang, M., Heh, J.-s., & Lin, H.-N. (2012). *Tele-Physical Examination and Tele-Care Systems for Elderly People* (Vol. 8).

Jones, D. A., & Chang, M. (2012). *Multiplayer Online Role Playing Game For Teaching Youth Finance in Canada* (Vol. 2).

2011

Badidi E.& Esmahi L. (2011). *A Scalable Framework for Policy-based QoS Management in SOA Environments*. (Vol. 6).

2010

Badidi, E. & E., L. (2010). *Managing Demographic Data Inconsistencies in Healthcare Information Systems* (Vol. 1). Jordan.

2009

Deline, G., Lin, F., D. Wen, D., Gasevic, D., & Kinshuk,. (2009). *A Case Study of Ontology-Driven Development of Intelligent Educational Systems* (Vol. 4(1)). *Int. J. of Web-Based Learning and Teaching Technologies*.

2008

Esmahi, L. (2008). *Contract Negotiation in E-marketplaces* (Vol. 6).

2007

Esmahi, L. (2007). *An Agent-Based Framework for Personalized E-Learning Services* (Vol. 2).

1999

Chang, M., Chung, I., & Heh, J.-S. (1999). *The sensory architecture in virtual creatures*. Mainland.

1990

Huntrods, R. S., Nighswander, J.A., Mehrotra, A.K., & Behie, L.A. (1990). *Modeling of Coke Formation in Gas Quenchers of Industrial Ethane Cracking Furnaces* (Vol. 67).

1987

â€¢ Nighswander, J. A., Huntrods, R.S., Mehrotra, A.K., & Behie, L.A. (1987). *Quench Time Modeling in Propane Ultraprolysis* (Vol. 67).

(not specified)

Liu, Y., Yang, C., Yang, Y., Lin, F. & Du, X. *Case Learning for CBR-Based Collision Avoidance Systems*. International Journal of Applied Intelligence.

Ph.D. Theses

1998

Connors, M. (1998). Auroral Current Systems Studied Using Automated Forward Modeling.410.

Master's Theses

1979

Connors, M. (1979). Pulsars and Aligned Rotators.105.

Journal Publications

2017

Bernard, J., Chang, T. - W., Popescu, E., & Graf, S. (2017). Learning style Identifier: Improving the precision of learning style identification through computational intelligence algorithms. *Expert Systems with Applications*, 75, 94–108.

Kumar, V. S., Fraser, S. N., & Boulanger, D. (2017). Discovering the predictive power of five baseline writing competences. *Journal of Writing Analytics*, .

Kumar, V. S., Fraser, S. N., & Boulanger, D. (2017). Discovering the predictive power of five baseline writing competences. *Journal of Writing Analytics*, .

Song, Y., Jong, M. S. Y., Chang, M., & Chen, W. (2017). Guest Editorial: "HOW" to Design, Implement and Evaluate the Flipped Classroom? � A Synthesis. *Educational Technology & Society*, 20(1), 180–183.

2016

Chang, M., Song, Y., Tian, F., Sun, M., & Chang, M. (2016). Foreword to the Special Section on the International Conference on E-Learning and Games 2016 (Edutainment '16). *Computers & Graphics*, 61, A2–A3.

Dron, J. (2016). How to demotivate students. *EdMedia: World Conference on Educational Media and Technology 2016*, 1, 1043–1050.

Dron, J. (2016). P-learning's unwelcome legacy. *TD*, 24(1). Retrieved June 24, 2018, from <http://www.tdjournal.itd.cnr.it/article/view/891>

Khenissi, M. A., Essalmi, F., Jemni, M., Kinshuk, Graf, S., & Chen, N. - S. (2016). Relationship between learning styles and genres of games. *Computers & Education*, 101, 1–14.

Lee, S., Barker, T., & Kumar, V. S. (2016). Effectiveness of a learner-directed model for e-learning. *Journal of educational technology & society*, 19(3), 221–233.

Lee, S., Barker, T., & Kumar, V. S. (2016). Effectiveness of a learner-directed model for e-learning. *Journal of educational technology & society*, 19(3), 221–233.

2015

Anderson, T., Upton, L., Dron, J., Malone, J., & Poelhuber, B. (2015). Social Interaction in Self-paced Distance Education. *Open Praxis; Vol 7, No 1 (2015)*, .

Bacca, J., Baldiris, S., Fabregat, R., Kinshuk, & Graf, S. (2015). Augmented reality trends in education: A systematic review of research and applications. *Educational Technology & Society*, 17(4), 133–149.

Bacca, J., Baldiris, S., Fabregat, R., Kinshuk, & Graf, S. (2015). Mobile Augmented Reality in Vocational Education and Training. *Procedia Computer Science*, 75, 49–58.

Basheer, G. S., Ahmad, M. S., Tang, A. Y. C., & Graf, S. (2015). Certainty, trust and evidence: Towards an integrative model of confidence in multi-agent systems. *Computers in Human Behavior*, 45, 307–315.

Chang, M., Lachance, D., Lin, F., Al-Shamali, F., & Chen, N. - S. (2015). Enhancing Orbital Physics Learning Performance through a Hands-on Kinect Game. *Ted Egitim Ve Bilim*, 40(180), 1–12.

Chen, C. - H., & Chang, M. (2015). Guest Editors' Introduction - Special Issue "Practical Applications of Mobile and Internet Educational Games.". *Research and Practice in Technology Enhanced Learning*, 8(2).

Dron, J., & Ostaszewski, N. (2015). Seeking Connectivist Freedom and Instructivist Safety in a MOOC. *Educación XXI*, 18,2.

Ebner, M., Kinshuk, Wohlhart, D., Taraghi, B., & Kumar, V. (2015). Learning analytics. *The journal of universal computer science*, 21(1), 1–6.

Ebner, M., Kinshuk, Wohlhart, D., Taraghi, B., & Kumar, V. (2015). Learning analytics. *The journal of universal computer science*, 21(1), 1–6.

Essalmi, F., Ayed, L. J. B., Jemni, M., Graf, S., & Kinshuk. (2015). Generalized metrics for the analysis of E-learning personalization strategies. *Computers in Human Behavior*, 48, 310–322.

Imran, H., Belghis-Zadeh, M., Chang, T. - W., Kinshuk, & Graf, S. (2015). PLORS: a personalized learning object recommender system. *Vietnam Journal of Computer Science*, 3(1), 3–13.

Lo, C. - C., Chao, K. - M., Kung, H. - Y., Chen, C. - H., & Chang, M. (2015). Information Management and Applications of Intelligent Transportation System. *Mathematical Problems in Engineering*, .

Tortorella, R. A. W., & Graf, S. (2015). Considering learning styles and context-awareness for mobile adaptive learning. *Education and Information Technologies*, 22(1), 297–315.

2014

Anderson, T., & Dron, J. (2014). : (English title: Individual and Social Learning at a Distance: Ways and Means). *Distance Education in China*, 455, 32–42.

Dron, J. (2014). Ten Principles for Effective Tinkering. *E-Learn World Conference on E-Learning*

2014, .

Dron, J., & Anderson, T. (2014). Agoraphobia and the modern learner. *Journal of Interactive Media in Education, Open for Learning Special Issue*, np.

Dron, J., & Anderson, T. (2014). Diseñando medios sociales para el aprendizaje (English title: Designing Social Media for Learning). *Revista Mexicana de Bachillerato a Distancia*, 11,septiembre 2013-febrero 2014,.

Dron, J., & Anderson, T. (2014). Filling the Gaps With a Virtual Learning Commons at an Online University. *European Conference on Social Media*, , 144–151.

Dron, J., & Anderson, T. (2014). Learning with Strangers - The Value of Sets in Online Learning. *6th International Conference on Computer Supported Education*, 1.

Dron, J., & Anderson, T. (2014). On the Design of Social Media for Learning. *Social Sciences*, 3(3), 378.

Dron, J., & Anderson, T. (2014). The Distant Crowd. *International Journal of Learning and Media*, 4(3).

El-Bishouty, M. M., Chang, T. - W., Graf, S., Kinshuk, & Chen, N. - S. (2014). Smart e-course recommender based on learning styles. *Journal of Computers in Education*, 1(1), 99–111.

Hartnett, M., St. George, A., & Dron, J. (2014). Exploring Motivation in an Online Context: A Case Study. *Cite*, 14(1).

Hartnett, M., St. George, A., & Dron, J. (2014). Exploring Motivation in an Online Context: A Case Study. *Contemporary Issues in Technology and Teacher Education*, 14(1), np.

Kumar, V., Boulanger, D., Seanosky, J., Kinshuk, Panneerselvam, K., & Somasundaram, T. S. (2014). Competence analytics. *Journal of computers in education*, 1(4), 251–270.

Kumar, V., Boulanger, D., Seanosky, J., Kinshuk, Panneerselvam, K., & Somasundaram, T. S. (2014). Competence analytics. *Journal of computers in education*, 1(4), 251–270.

Ostashewski, N., Dron, J., & Howell, J. (2014). Building open learning opportunities: The Participating in the Digital Age cMOOC design case. *World Conference on Educational Multimedia, Hypermedia, 2480–2484*.

2013

Anderson, T., Dron, J., & Mattar, J. (2013). Três Gerações De Pedagogia De Educação A Distância. *EAD em FOCO*, 2(1), 119–134. [Impact factor: (Trad.)]

Chang, M., Kuo, R., Lyu, C. - W., & Heh, J. - S. (2013). A Pilot Study of the Situated Game for Autistic Children Learning Activities of Daily Living. *Research and Practice in Technology Enhanced Learning*, 8(2).

Dron, J. (2013). Soft is hard and hard is easy: learning technologies and social media. *Form@re*, 13(1), 32–43.

Dron, J., & Anderson, T. (2013). Learning in a Distance Teaching Community: A Case Study. *Site 2013*, .

Graf, S., & Kinshuk. (2013). Dynamic Student Modelling of Learning Styles for Advanced Adaptivity in Learning Management Systems. *International Journal of Information Systems and Social Change*, 4(1), 85–100.

Jones, D. A., & Chang, M. (2013). Multiplayer Online Role Playing Game for Teaching Youth Finance in Canada. *International Journal of Online Pedagogy and Course Design*, 2(2), 44–59.

McGreal, R., Dron, J., & Ellerman, E. (2013). Virtual Platforms at Athabasca University for Open Learning. *Eleventh Annual Hawaii International Conference on Education*, .

Ostashewski, N., Reid, D., & Dron, J. (2013). Scaffolds not handcuffs: Bringing Social Media into the Instructional Design Mix. *EdMedia 2013*, .

Werneck, E., & Chang, M. (2013). A flash-based on-the-job training game. *International Journal of Arts and Technology*, 6(3), 229.

2012

Abboud, J., Rainer J.B., Georghiu, C., Poon, K., Lewenza, S., Surette, M.G., & Reckseidler-Zenteno, S. L. (2012). Pseudomonas aeruginosa Displays a Dormancy Phenotype in Water. Abst. Banff Conference on Infectious Diseases.

Anderson, T., & Dron, J. (2012). Learning technology through three generations of technology enhanced distance education pedagogy. *Learning*, .

Anderson, T., & Dron, J. (2012). Learning technology through three generations of technology enhanced distance education pedagogy. *European Journal of Open, Disance and E-Learning*, 2012(2).

Baldiris, S., Graf, S., Fabregat, R., & Duque Mendez, N. (2012). Looking for Contextualized Learning Objects to Support Semi-Automatic Learning Design Generation. *IRRODL*, 13(5), 75–101.

Chang, M. (2012). Guest Editors' Introduction: Special Issue on Utility and Cloud Computing Science and Application. *IEEE Transactions on Cloud Computing*, 7(2), 99–102.

Chang, M., Chen, S. - T., Lui, E., Chiang, I. - T., & Lie, Z. - F. (2012). Effects of Improvement on Selective Attention: Developing Appropriate Somatosensory Video Game Interventions for Insitutional-dwelling Elderly with Disabilities. *The Turkish Online Journal of Educational Technology*, 11(4).

Chang, M., Kuo, R., Loeb, G., & Olaniran, B. (2012). Special Issue on Information Retrieval for Online Learning. *The International Review of Research in Open and Distributed Learning*, 7(2), 1.

Dron, J. (2012). Self-paced and Social. *World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2012*, , 962–976.

Dron, J. (2012). Self-paced and Social. *World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, 2012*, 962–976.

Dron, J. (2012). Soft Technology Design. *The 1st International Symposium on Smart Learning Environment*, , 9–12.

Dron, J. (2012). The Pedagogical-technological divide and the elephant in the room. *International Journal on E-Learning*, 11(1).

Pan, Z., Cheok, A. D., Müller, W., Chang, M., & Zhang, M. (2012). Editorial, Transactions on Edutainment VIII.

Rahman, N., & Dron, J. (2012). Challenges and opportunities for learning analytics when formal teaching meets social spaces. *Proceedings of the 2nd International Conference on Learning Analytics and Knowledge*, , 54–58.

Reckseidler-Zenteno, S. L. (2012). Capsular Polysaccharides Produced by the Bacterial Pathogen *Burkholderia pseudomallei*.

Shabani, S., Lin, F., & Graf, S. (2012). A Framework for User Modeling in QuizMAster. *Journal of e-Learning and Knowledge Society*, 8(3), 29–44.

2011

Abboud, J., Bell, Rainer, J.B., & Reckseidler-Zenteno, S. L. (2011). *Pseudomonas aeruginosa* Displays a Dormancy Phenotype During Long-term Survival in Water. Abst. American Society for Microbiology General Meeting.

Anderson, T., & Dron, J. (2011). Tecnología para el aprendizaje a través de tres generaciones de pedagogía a distancia mediada por tecnología. *Revista Mexicana de Bachillerato a Distancia*(6), .

Anderson, T., & Dron, J. (2011). Three Generations of Distance Education Pedagogy. *International Review of Research in Open and Distance Learning*, 12(3).

Badidi, E. & E., L. (2011). A Cloud-based Approach for Context Information Provisioning.1, 63–70.

Badidi, E. & E., L. (2011). A Scalable Framework for Policy-based QoS Management in SOA Environments. *Journal of Software*, 6(4), 544–553.

Bagheri, E., & Gasevic, D. (2011). Assessing the Maintainability of Software Product Line Feature Models using Structural Metrics.579–612.

Bagheri, E., Asadi, M., Ensan, F., Gasevic, D., & Mohabbati, B. (2011). Bringing Semantics to Feature Models with SAFMDL. In *Proceedings of the 2011 Conference of the Centre for Advanced Studies on Collaborative Research*, .

Bagheri, E., Ensan, F., Gasevic, D., & Boskovic, M. (2011). Modular Feature Models: Representation and Configuration. *Journal of Research and Practice in Information Technology*, .

Bagheri, E., Noia, T.D., Gasevic, D., & Ragone, A. (2011). Formalizing Interactive Staged Feature Model Configuration. *Journal of Software Maintenance and Evolution: Research and Practice*, .

Boskovic, M., Mohabbati, B., Kaviani, N., Asadi, M., Gasevic, D., Bagheri, E. and Hatala, M. (2011). Developing Families of Software Services: a Semantic Web Approach. *Journal of Research and Practice in Information Technology*, .

Chang, M., Chen, M-P., Hwang, W-Y., & Mueller, W. (2011). Proceedings of the 6th International Conference on. *Springer Lecture*, .

Chang, Y. - F., Liu, Eric Z-F., & Chang, M. (2011). From the Perspective of Creative Subculture to Investigate Adolescent Blogs. *International Journal of Online Pedagogy and Course Design*, 1(2), 31–45.

- Chen, N. - S., Kinshuk, Wei, C.-W., & Liu, C.-C. (2011). Effects of matching teaching strategy to thinking style on learner's quality of reflection in an online learning environment. *Computers & Education*, *56*(1), 53–64.
- Chen, N. - S., Teng, D. C.-E., Lee, C.-H., & Kinshuk. (2011). Augmenting paper-based reading activity with direct access to digital materials and scaffolded questioning. *Computers & Education*, *57*, 1705–1715.
- Cheng, B., Wang, M., Yang, S.J.H., & Kinshuk. (2011). Acceptance of Competency-Based Workplace E-Learning Systems. *Computers & Education*, *57*(1), 1317–1333.
- Dron, J. (2011). The Pedagogical-technological divide and the elephant in the room. *International Journal on E-Learning*, .
- Dron, J., & Anderson, T. (2011). Groups, Sets and Nets in Online Learning.
- Graf, S., Kinshuk, Chen, N. S., Chang, M., Dron, J., Wen, D., et al. (2011). Adaptabilidad y Personalizacion de Ambientes de Aprendizaje Ubicuos - Un enfoque basado en estilos de aprendizaje (in Spanish; English title: Adaptivity and Personalization in Ubiquitous Learning Environments - Learning Styles based Approach). *Revista Magisterio*, *52*(5), 30–39.
- Graf, S., Kinshuk, Chen, N. S., Chang, M., Dron, J., Wen, D., et al. (2011). Adaptabilidad y Personalizacion de Ambientes de Aprendizaje Ubicuos - Un enfoque basado en estilos de aprendizaje (in Spanish; English title: Adaptivity and Personalization in Ubiquitous Learning Environments - Learning Styles based Approach). *Revista Magisterio*, *52*(5), 30–39.
- Graf, S., Kinshuk, Chang, M., Dron, J., i Wen, D., Kumar, V., Tan, Q., Yang, G., Lin, O., & Chen, N.-S. (2011). Adaptivity and Personalization in Ubiquitous Learning Environments - Learning Styles based Approach. *Revista Magisterio Journal*, *52*, 30–39.
- Hartnett, M., St George, A., & Dron, J. (2011). Being together: Factors that unintentionally undermine motivation in co-located online learning environments. *Journal of Open, Flexible and Distance Learning*, *15*(1), 1–16.
- Hartnett, M., St George, A., & Dron, J. (2011). Examining Motivation in Online Distance Learning Environments. *Complex, Multifaceted and Situation-Dependent. International Review of Research*, .
- Jones, D. A., & Chang, M. (2011). Educational Massively Multiplayer Online Role Playing Game for Teaching Youth Finance. *In the Proceedings of the 11th IEEE International Conference on Advanced Learning Technology*, , 221–223.
- Kumar, V. (2011). Process guide for students for interdisciplinary work in computer science/informatics, 2nd edition. *Journal of educational technology & society*, *14*(2), 287–288.
- Kumar, V. (2011). Process guide for students for interdisciplinary work in computer science/informatics, 2nd edition. *Journal of educational technology & society*, *14*(2), 287–288.
- Kumar, V., Chang, M., & Leacock, T. (2011). Ubiquitous writing: writing technologies for situated mediation and proactive assessment. *Ubiquitous learning: An international journal*, *3*(3), 173–188.
- Kumar, V., Chang, M., & Leacock, T. (2011). Ubiquitous writing: writing technologies for situated mediation and proactive assessment. *Ubiquitous learning: An international journal*, *3*(3), 173–188.

- Kumar, V., Graf, S., & Kinshuk. (2011). Causal competencies and learning styles: a framework for adaptive instruction. *Journal of e-learning and knowledge society*, 7(3), 13–32.
- Kumar, V., Graf, S., & Kinshuk. (2011). Causal competencies and learning styles: a framework for adaptive instruction. *Journal of e-learning and knowledge society*, 7(3), 13–32.
- Kumar, V., Chang, M., & Leacock, T. (2011). Ubiquitous Writing. Ubiquitous Learning. *An International Journal*, 3(3), 173–188.
- Kumar, V., Graf, S., & Kinshuk. (2011). Causal Competencies and Learning Styles: A framework for adaptive instruction. *Journal of e-Learning and Knowledge Society*, .
- Kuo, R., Hsu, C.-K., Chang, M., & Heh, J.-S. (2011). A Personalized Webpage Reconstructor based on Concept Lattice and. *Journal of Internet Technology*, 12(6), 1015–1024.
- Lan, C. - H., Graf, S., Lai, K. R., & Kinshuk. (2011). Enrichment of Peer Assessment with Agent Negotiation. *IEEE Transactions on Learning Technologies*, 4 (1), 35–46.
- Liu, D. & C., M. (2011). Next-Stop Recommendation to Travelers according to Their Sequential Wandering Behaviors. *12(1)*, 171–179.
- Liu, D., & Chang, M. (2011). Next-Stop Recommendation to Travelers according to Their Sequential Wandering Behaviours. *Journal of Internet Technology*, 12(1), 171–179.
- Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C.-W. (2011). Architecture and Collaborations among Agents in Mobile Educational Game. *Proceedings of the 7th IEEE International Workshop on Pervasive Learning, Life, and Leisure (PerEL 2011)*, , 171–175.
- Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C.-W. (2011). Usability of Context-Aware Mobile Educational Game. *Knowledge Management & E-Learning*, 3(3), 448–477.
- Munyikwa, K. T., M., Baker I., & Knight, C.E. (2011). . Core drilling of Quaternary sediments for luminescence dating using the Dormer Drillmite. *29*, 15–23.
- Noorian, M., Bagheri, E., & Du, W. (2011). Machine Learning-based Software Testing: Towards a Classification Framework. *In Proceedings of The 17th International Conference on Distributed Multimedia Systems*, .
- Ridgewell, W., Kumar, V., Lin, O., & Kinshuk. (2011). OpenSim virtual worlds as platform for enhanced learning concepts. *Proceedings of the 11th IEEE International Conference on Advanced Learning Technologies*, , 623–624.
- Shih, J. - L., Chu, H., Hwang, G.-J., & Kinshuk. (2011). An investigation of attitudes of students and teachers about participating in a context-aware ubiquitous learning activity. *British Journal of Educational Technology*, 42 (3), 373–394.
- Soltani, S., Asadi, M., Hatala, M., Gasevic, D., & Bagheri, E. (2011). Automated Planning for Feature Model Configuration based on Stakeholders' Business Concerns. *In Proceedings of 26th IEEE/ACM International Conference on Automated Software Engineering* (, .
- Tan, Q., Zhang, X., Kinshuk, & McGreal, R. (2011). The 5R Adaptation Framework for Location-Based Mobile Learning Systems. *18–21*.
- Wu, Z. - H., Zhu, Z.-T., Chang, M., & Wu, Y.-H. (2011). Issues of Designing Educational Multimedia

Metadata Set based on. . *Journal of Internet Technology*, 12(5), 685–698.

Zhang, X., & Ahmad, O. (2011). Towards Runtime Tagged Components and Hypergraph-based Collaboration for Adaptive Learning in Programming.

Zhang, X., & Tan, Q. (2011). Mfieldtrip: Cyber-Physical Interaction in Context-Aware Mobile Application, Submitting to special issue on Human-Involved Computational Systems, *Future Generation Computer Systems Journal*.

Zhang, X., Dron, J., Kinshuk, & Holt, P. (2011). Engage Collaborative Tagged Semantic Networks with Adaptive Learning in Programming, submitting to *Journal of Systems and Software*.

Zhang, X., Tan, Q., & Kinshuk. (2011). A Smart Space for Adaptive Mobile Lab, Submitting to *Journal of Computational Science and Engineering*.

2010

Badidi E. & Esmahi L. (2010). A Scalable Framework for Provisioning Context-aware Application Services with High-quality Context Information. *I*, 86–97.

Badidi, E., & Esmahi, L. (2010). A Scalable Framework for Provisioning Context-aware Application Services with High-quality Context Information. *I*(II).

Bagheri, E., & Ghorbani, A.A. (2010). An Exploratory Classification of Applications in the Realm of Collaborative Modeling and Design. *Information Systems and e-Business Management*, 8(3), 257–286.

Bagheri, E., & Ghorbani, A.A. (2010). The Analysis and Management of Non-Canonical Requirement Specifications through a Belief Integration Game. *Knowledge and Information Systems: An International Journal*, 22(1).

Bagheri, E., & Ghorbani, A.A. (2010). UML-CI: A Reference Model for Profiling Critical Infrastructure Systems. *information Systems Frontiers*, 12(2), 115–139.

Bagheri, E., & Ghorbani, A.A. (2010). A Belief-theoretic Framework for the Collaborative Development and Integration of Para-consistent Conceptual Models. *Journal of Systems and Software*, 82(4), 707–729.

Bagheri, E., & Ghorbani, A.A. (2010). A Model for the Integration of Prioritized Knowledge Bases through Subjective Belief Games. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, 40(6)(1257-1270).

Boskovic, M., Bagheri, E., Gasevic, D., Mohabbati, B., Kaviani, N., & Hatala, M. (2010). Automated Staged Configuration with Semantic Web Technologies. *International Journal of Software Engineering and Knowledge Engineering*, 20(4), 459–484.

Esmahi, L., & Badidi, E. (2010). Managing Demographic Data Inconsistencies in Healthcare Information Systems. *International Journal of Information Systems and Social Change*, 1, 56–72.

Essalmi, F., Ayed, LJB., Jemni, M., Kinshuk, & Graf, S. (2010). A fully Personalization Strategy of E-Learning Scenarios. *Computers in Human Behavior*, 26, 581–591.

Essalmi, F., Jemni Ben Ayed, L., Jemni, M., Kinshuk, & Graf, S. (2010). Combination of personalization parameters and selection of appropriate E-learning personalization strategies from ontological perspectives. *International Journal of Interaction Design & Architectures (IXD&A)*, 9-10,

Essalmi, F., Jemni Ben Ayed, L., Jemni, M., Kinshuk, & Graf, S. (2010). Personalized Personalization Strategy of E-Learning Scenarios. *Computers in Human Behavior*, 26 (4), 581–591.

Fan, M. - X., Chang, M., Kuo, R., & Heh, J.-S. (2010). Using Graph Edit Distance to Diagnose Student's Science Process Skill in Physics. *In the Proceedings of the 5th International Conference on E-Learning and Games, (Edutainment 2010)*, , 307–316.

Graf S., L. T. - C., Kinshuk, Chen N.-S. & Yang S. J. H. (2010). Learning Styles and Cognitive Traits - Their Relationship and its Benefits in Web-based Educational Systems. *Computers in Human Behavior*, 25 (6), 1280–1289.

Graf, S., Liu, T.-C., & Kinshuk. (2010). Analysis of Learners' Navigational Behaviour and their Learning Styles in an Online Course. *Journal of Computer Assisted Learning*, 26, 116–131.

Hastie, M., Hung, I.-C., Chen, N.-S., & Kinshuk. (2010). A Blended Synchronous Learning Model for Educational International Collaborations. *47(1)*, 9–24.

Khan, F. A., Graf, S., Weippl, E.R., & Tjoa, A.M. (2010). Identifying and Incorporating Affective States and Learning Styles in Web-based Learning Management Systems. *International Journal of Interaction Design & Architectures (IxD&A)*, 9-10, 85–103.

Kinshuk, C., M., Graf, S., & Yang, G. (2010). Adaptivity and Personalization in Mobile Learning. *Technology, Instruction, Cognition and Learning (TICL)*, 8, 163–174.

Kumar, V., Gress, C.L.Z., Hadwin, A.F., & Winne, P.H. (2010). Assessing Process in CSCL: An Ontological Approach, *Computers in Human Behavior*.26 (5), 825–834.

Kumar, V. S., Gress, C. L. Z., Hadwin, A. F., & Winne, P. H. (2010). Assessing Process in CSCL: an ontological approach. *Computers in Human Behavior*, 26(5), 825–834.

Kumar, V. S., Gress, C. L. Z., Hadwin, A. F., & Winne, P. H. (2010). Assessing Process in CSCL: an ontological approach. *Computers in Human Behavior*, 26(5), 825–834.

Lin, R., Tan, Q., Kinshuk & Huang, Y.-M. (2010). Location-Based Knowledge Oriented Microblogging Framework, Architecture, and System for Mobile Learning. *Wireless, Mobile and Ubiquitous Technologies in Education (WMUTE)*, .

Lo, E., & Tan, Q. (2010). Principles For Facilitating Collaboration In Mobile Environments.

Lu, C., Chang, M., Kinshuk, Huang, E., & Chen, C.-W. (2010). CAMEG - A Multi-Agent Based Context-Aware Mobile Educational Game for On-the-Job Training. *Workshop on New Paradigms in Learning: Robotics, Playful Learning, and Digital Arts, in the 18th International Conference on Computers in Education*, , 341–345.

Nincic, V., M. Chang, & F. Lin. (2010). An XML-based Proof-of-Concept Mobile DRM Framework for Sharing Learning Content among Mobile Network. *2010 International Conference on Information Security and Artificial Intelligence*, .

Reckseidler-Zenteno, S. L., Viteri, D. F., Moore, R., Wong, E., Tuanyok, A. & Woods, D. E. (2010). Characterization of the type III capsular polysaccharide by *Burkholderia pseudomallei*.

Reckseidler-Zenteno, S. L., Viteri, D. F., Moore, R., Wong, E., Tuanyok, A. & Woods, D. E. (2010).

Characterization of the type III capsular polysaccharide by *Burkholderia pseudomallei*.

Reckseidler-Zenteno, S. L., Viteri, D. F., Moore, R., Wong, E., Tuanyok, A., & Woods, D.E. (2010). Characterization of the type III capsular polysaccharide by *Burkholderia pseudomallei*. *J. Med. Microbiol.*, (Dec.; 59(Pt 12)), 1403–14.

Tan, Q., Kinshuk, Jeng, Y.-L., & Huang, Y.-M. (2010). A collaborative Mobile Virtual Campus System Based on Location-Based Dynamic Grouping.

Wu, S., Chang, A., Chang, M., Yen, Y.-R., & Heh, J.-S. (2010). Learning Historical and Cultural Contents via Mobile Treasure Hunting in Five-harbor District of Tainan. *In the Proceedings of the 6th IEEE International Workshop on International Conference on Wireless, Mobile, and Ubiquitous Technologies in Education*, , 213–215.

2009

Aedo I., C. N. - S., Kinshuk, Sampson D. & Zaitseva L. (2009). Proceedings of the 8th IEEE International Conference on Advanced learning Technologies.

Andone, D., Dron, J., & Pemberton, L. (2009). Developing a Desirable Learning Environment for Digital Students. *Journal of Technology Instruction, Cognition and Learning*, 6(4), 253–271.

Badidi, E., Salem, M.V.M., Bouktif, S., & Esmahi, L. (2009). A Web Services based Framework for Uniform Integration of Command-line Bioinformatics Software Tools.4(1), 36–43.

Badidi, E., Salem, V. M., Bouktif, S. & Esmahi, L. (2009). A Web Services based Framework for Uniform Integration of Command-line Bioinformatics Software Tools.4(1), 36–43.

Bagheri, E., & Ghorbani, A.A. (2009). Astrolabe: A Collaborative Multi-Perspective Goal-oriented Risk Analysis Methodology. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, 39(1), 66–85.

Bagheri, E., Zafarani, R., & Barouni-Ebrahimi, M. (2009). Can Reputation Migrate? On the Propagation of Reputation in Multi-Context Communities. *Knowledge-based Systems Journal*, 22(6), 410–420.

Chang, M. & K., C-W. (2009). Learning Culture and Language through ICTs: Methods for Enhanced Instruction, Hershey. *Information Science Reference*, .

Chang, M., & Kinshuk. (2009). Context-awareness Mobile Learning Activity Generator. *In the Proceedings of the 6th International Workshop on Mobile and Ubiquitous Learning Environments, (MULE 2009)*, , 26–29.

Chang, M., Wang, C-Y., & Chen, G.-D. (2009). National Program for e-Learning. *Educational Technology & Society*, 12(1), 5–17.

Chang, M., Wang, C.-Y., & Chen, G.-D. (2009). National Program for e-Learning in Taiwan. *International Journal of Educational Technology & Society*, 12(1), 5–17.

Chen, P., Kuo, R., Chang, M., & Heh, J.-S. (2009). Designing a Trading Card Game as Educational Reward System to Improve Students' Learning Motivations. *Transactions on Edutainment, III*, , 116–128.

Deline, G., Lin, F., Wen, D., Gasevic, D., & Kinshuk. (2009). A Case Study of Ontology-Driven

- Development of Intelligent Educational Systems. *International Journal of Web-Based Learning and Teaching Technologies*, 4(1), 66–81.
- Dron, J. (2009). Pedagogies as Educational technologies. *the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education*, .
- Graf, S., Liu, T.-C. Kinshuk, Chen, N.-S., & Yang, S.J.H. (2009). Learning Styles and Cognitive Traits - Their Relationship and its Benefits in Web-based Educational Systems. *Computers in Human Behavior*, 25, 1280–1289.
- Graf, S., Yang, G., Liu, T.-C., & Kinshuk. (2009). Automatic, Global and Dynamic Student Modeling in a Ubiquitous Learning Environment. *International Journal on Knowledge Management and E-Learning*, 1, 18–35.
- Huang, S. - J., Hung, W.-C., Chang, M., & Chang, J. (2009). The Effect of an Internet-Based, Stage-Matched Message Intervention on Young Taiwanese Women's Physical Activity. *Journal of Health Communication*, 14(3), 210–227.
- Kinshuk, L., T.-C., & Graf, S. (2009). Coping with Mismatched Courses - Students' Behaviour and Performance in Courses Mismatched to their Learning Styles. *Educational Technology Research & Development*, 57, 739–752.
- Kinshuk, S., Y., Takada, K., Graf, S., Zarypolla, A., & Tsuruta, S. (2009). Providing Adaptive Support in Computer Supported Collaboration Environments. *Proceedings of the IEEE International Conference on Systems, Man, and Cybernetics (SMC 2009)*, , 1304–1309.
- Kobryn, M., Lewenza, S., & Reckseidler-Zenteno, S. L. (2009). Identification of Genes Responsible for the Survival of *Pseudomonas aeruginosa* in Water. Abst. American Society for Microbiology General Meeting.
- Kuo, R., & Chang, M. (2009). Elementary Level Botanical Item Generation. *IEEE Learning Technology Newslette*, 11(3), 7–9.
- Reckseidler-Zenteno, S. L., Moore, R. & Woods, D. E. (2009). Genetics and Function of the Capsules of *Burkholderia pseudomallei* and Their Potential as Therapeutic Targets.9(2), 265–71.
- Reckseidler-Zenteno, S. L., Moore, R., & Woods, D. E. (2009). Genetics and Function of the Capsules of *Burkholderia pseudomallei* and Their Potential as Therapeutic Targets. *Mini Rev. Med. Chem.*, (9(2)), 265–71.
- Reckseidler-Zenteno, S. L., Woods, D. E., & Moore, R. (2009). Genetics and Function of the Capsules of *Burkholderia pseudomallei* and Their Potential as Therapeutic Targets.9(2), 265–71.
- Tan, Q., Jeng, Y-L., Huang, Y-M, Kinshuk, & Johnstine, R. (2009). Location-Based Dynamic Grouping Algorithm in Mobile Learning Environment.
- Wei, C. W., Chen, N. S., Kinshuk, & Hsu, F. H. (2009). Effects of Goal Setting Strategy on Web-Based Learning Performance.1 (3), 140–161.

2008

- Abaza, M. (2008). Employing a ROM-based Frequency Meter for Precise Tracking of Line Frequency. *ICGST International Journal on Automatic Control and Systems Engineering*, Vol. 08, 1687–4811.

- Abaza, M., & Steyn, O. (2008). Role Of Computer Serious Games in Education and Training.
- Chang, M., Chang, A., Heh, J.-S., & Liu, T.-C. (2008). Context-aware Learning Path Planner. *WSEAS Transactions on*, 7(4), 316–325.
- Chang, M., Wu, S., & Heh, J.-S. (2008). Making the Real World as a Game World to Learners by applying Game-based Learning Scenes into Ubiquitous Learning Environment. *Transaction on Edutainment.*, , 261–277.
- Chen, N. S., Kinshuk, Wei, C. W., & Yang, S. J. H. (2008). Designing a self-contained group area network for ubiquitous learning. *II* (2), 16–26.
- Chen, N. S., Wei, C. W., Kinshuk, & Chen, Y. R. (2008). Classroom climate and learning effectiveness in holistic blended learning environments. *I* (1), 72–94.
- Chuang, C. - K., Chang, M., Wang, C.-Y., Chung, W.-C., & Chen., G.-D. (2008). E-Learning Applied to Pilot Training in the TransAsia Airway. *AACE International Journal on E-Learning*, 7(1), 23–39.
- Díaz P., K., Aedo I., & Mora E. (2008). Proceedings of the 8th IEEE International Conference on Advanced learning Technologies.
- Esmahi, L. & M., R. (2008). Coordinating Autonomous Agents for Force Protection Using Contract Nets. *Coordinating Autonomous Agents for Force Protection Using Contract Nets.*, , 219–225.
- Graf, S., & Kinshuk. (2008). Adaptivität in Lernplattformen unter Berücksichtigung von Lernstilen. *Zeitschrift für e-learning, Lernkultur und Bildungstechnologie*, 3, 40–51.
- Graf, S., Lin, T., & Kinshuk. (2008). The Relationship between Learning Styles and Cognitive Traits - Getting Additional Information for Improving Student Modelling. *Computers in Human Behavior*, 24, 122–137.
- Graf, S., Liu, T.-C., & Kinshuk. (2008). Correlations between Students' Behaviour in Learning Management Systems and their Learning Style Preferences. *Proceedings of the International Conference on Computers in Education (ICCE 2008)*, , 65–72.
- Graf, S., MacCallum, K, Liu, T-C, Chang, M., Wen, D., Tan, Q., Dron, J., Lin, F., McGreal, R., & Kinshuk. (2008). An Infrastructure for Developing Pervasive Learning Environments. *Proceedings of the IEEE International Workshop on Pervasive Learning (PerEL 2008)*, .
- Heh, J. - S., Chen, J.-C. and Chang, M. (2008). Designing a Decompositional Rule Extraction Algorithm for Neural Networks with Bound Decomposition Tree. *Neural Computing and Applications*, 17(3), 297–309.
- Heh, J. - S., Li, S.-C., Chang, A., Chang, M. and Liu, T.-C. (2008). Diagnosis Mechanism and Feedback System to Accomplish the Full-Loop Learning Architecture. *International Journal of Educational Technology & Society*, 11(1), 29–44.
- Heh, J. - S., Li, S.-C., Chang, J.-C. and Chang, M. (2008). Providing Students Hints and Detecting Mistakes Made by Students in Virtual Experiment Environment. *IEEE Transactions on Education*, 51(1), 61–68.
- Jasola, S., & Kinshuk. (2008). Analysis of QoS for DVB-RCS based IP network. *25* (1), 4–17.

Kuo, Y. - H. T., Q., Kinshuk, Huang, Y-H, Liu, T.-C, & Chang, M.Y-H. Tan, Q., Kinshuk, Huang, Y-H, Liu, T.-C, & Chang, M. (2008). Collaborative Creation of Authentic Examples with Location for U-learning. *In the Proceedings of the IADIS International Conference on e-Learning*, 2, 16–20.

Lee, S., & Dron, J. (2008). Giving Learners Control through Interaction Design. *the E-Learn*, .

Lin, F., Kinshuk, McGreal, R., Leung, S., Wen, D., Zhang, F., Li, Q. & Liang, X. (2008). A Multi-agent System for Academic Advising. *International Transactions on Systems Science and Applications*, 4(1), 89–98.

Lin, F., Kinshuk, McGreal, R., Leung, S., Wen, D., Zhang, F., Li, Q., & Liang, X. (2008). A Web-based Intelligent System for Academic Advising. *International Transactions on Systems Science and Applications. International Forum of Educational Technology & Society (IFETS)*, 4(1), 89–98.

Voorhees, B., Senez, J., Keeler, T., & Connors, M. (2008). A population model of the stability-flexibility tradeoff. *Advances in Complex Systems*, 11(3), 443–470.

Wen, D. & F., X. (2008). A Semi-Auto Framework for Module Based Ontology Matching. *Computer Engineering and Applications*, 43(29), 63–67.

2007

Abaza, M., & Mansour, I. (2007). An Accurate Method for Measurement of Line Frequency using Read-Only Memory. *POWER AND ENERGY SYSTEMS*, .

Chang, M., Wang, C.-Y., & Chen, G.-D. (2007). Quantitative and Qualitative Results of the National Program for e-Learning. *WSEAS Transactions on Computers*, 6(3), 546–551.

Connors, M., & Al-Shamali, F. (2007). The Magnetic Torque Pendulum and the Magnetic Piston.

Connors, M., Hayashi, K., Russell, C., Shiokawa, K., Irwin, R., & Rostoker, G. (2007). Athabasca University Initiatives supporting THEMIS.

Connors, M., Russell, C. T., Donovan, E., Angelopoulos, V., Voronkov, I., Mende, S. B., Glassmeier, K.-H., Hayashi, K., Spanswick, E., & McFadden, J. (2007). Time Evolution of the Substorm Current Wedge from Ground and Space-based Magnetic Fields.

Connors, M., Russell, C. T., Donovan, E., Angelopoulos, V., Voronkov, I., Mende, S. B., Glassmeier, K.-H., Hayashi, K., Spanswick, E., & McFadden, J. (2007). Time Evolution of the Substorm Current Wedge from Ground and Space-based Magnetic Fields.

Coumans, V., Gérard, J.- C., Blockx, C., Hubert, B., & Connors, M. (2007). Global morphology of substorm growth phases observed. *Journal of Geophysical Research*, .

Dalin, P., Connors, M., Schofield, I., Shelton, I., Zalcik, M., Pertsev, N., Sukhodoev, V., Perminov, V., McEwan, T., McEachran, I., Frandsen, S., Hansen, O., Andersen, H., Zadorozhny, A., & Romejko, V. (2007). Studies of noctilucent clouds with an inter-continental network of automatic digital cameras.

Donovan, E., Spanswick, E., Jackel, B., Trondsen, T., Syrjaesuo, M., Liang, J., Liu, W., Voronkov, I., Wild, J., Daum, P., Connors, M., Mende, S., Frey, H., Angelopoulos, V., McFadden, J., Singer, H., Shiokawa, K., Glassmeier, K.-H., Russell, C., Rae, J., & Mann, I. (2007). Comparison of auroral and inner CPS in situ measurements during an expansive phase onset.

- Donovan, E., Syrjäsuo, M., Spanswick, E., Marple, S., Jackel, B., Kauristie, K., Honary, F., Germany, G., Hampton, D., Frey, H., Mende, S., Moen, J., Sandahl, I., Shiokawa, K., Weatherwax, A., Connors, M., Wild, J., Doe, R., & Lessard, M. (2007). GAIA - An International Auroral VO.
- Graf, S., Viola, S. R., Kinshuk, & Leo, T. (2007). In-depth Analysis of the Felder-Silverman Learning Style Dimensions. *Journal of Research on Technology in Education*, 40, 79–93.
- Kuo, R., Hsieh, A., Chang, M., & Heh, J.-S. (2007). Sending the Most Appropriate Feedbacks to Students. *WSEAS Transactions on Information Science and Applications*, 4(3), 584–591.
- Liang, J., Donovan, E., Liu, W., Jackel, B., Spanswick, E., Syrjaesuo, M., Partamies, N., Voronkov, I., Connors, M., Mende, S., Angelopoulos, V., Frey, H., Ge, Y., Russell, C., Rae, J., & Mann, I. (2007). Azimuthal evolution of the aurora in tens of seconds around the expansive phase onset.
- Lien, W. - P., M Chang, M., & Chu.K.-K. (2007). Using Internet Technology to Make Students Learning Better in Video/Audio. *WSEAS Transactions on Computers*, 6(3), 433–440.
- Meurant, M., Blockx, C., Spanswick, E., Donovan, E.F., Hubert, B., Gérard, J.-C., Coumans, V., & Connors, M. (2007). EL - a possible indicator to monitor the magnetic field stretching at global scale during substorm expansive phase: statistical study.112.
- Partamies, N., Donovan, E., Syrjäsuo, M., Connors, M. Charrois, D., & Kryzanowski, Z. (2007). Dense Array Imaging SYstem: towards multi-scale auroral imaging.
- Partamies, N., Syrjäsuo, M., Donovan, E., Knudsen, D., Connors, M., Charrois, D., & Kryzanowski, Z. (2007). Dense Array Imaging System: towards multi-scale auroral imaging.
- Reckseidler-Zenteno, S. L., Tuanyok, A., Moore, R., Viteri, D., Wong, E. & Woods, D. E. (2007). Genetic and Functional Characterization of a Capsule Produced by *Burkholderia pseudomallei*. Abst. 5th World Melioidosis Congress.
- Sakaguchi, K., Shiokawa, K., Ieda, A., Miyoshi, Y., Otsuka, Y., Ogawa, T., Connors, M., & Donovan, E. (2007). Ground-Based Observation of Aurora, Airglow, and Geomagnetic Pulsations at Subauroral Latitudes to Contribute to the THEMIS Inner Magnetosphere Research.
- Sakaguchi, K., Shiokawa, K., Ieda, A., Miyoshi, Y., Otsuka, Y., Ogawa, T., Connors, M., & Donovan, E. (2007). Multi-event analysis of isolated auroral arcs and Pc 1 geomagnetic pulsations at subauroral latitudes.
- Sakaguchi, K., Shiokawa, K., Ieda, A., Miyoshi, Y., Otsuka, Y., Ogawa, T., Connors, M., & Donovan, E. (2007). One-to-one correspondence between isolated auroral arcs and Pc 1 pulsations at subauroral latitudes.
- Sakaguchi, K., Shiokawa, K., Ieda, A., Miyoshi, Y., Otsuka, Y., Ogawa, T., Connors, M., & Donovan, E. (2007). One-to-one correspondence between isolated auroral arcs and Pc 1 pulsations at subauroral latitudes.
- Sakaguchi, K., Shiokawa, K., Ieda, A., Miyoshi, Y., Otsuka, Y., Ogawa, T., Connors, M., Donovan, E. F., & Rich, F. J. (2007). Simultaneous ground and satellite observations of an isolated proton arc at subauroral latitudes.112.
- Sakaguchi, K., Shiokawa, K., Ieda, A., Ogawa., T., Donovan, E., & Connors, M. (2007). Proton auroral observation using a meridian-scanning filter-tilting photometer at a subauroral latitude.

Sakaguchi, K., Shiokawa, K., Miyoshi, Y., Otsuka, Y., Ogawa, T., & Connors, M. (2007). Simultaneous ground and satellite observations of an eastward-drifting isolated aurora and Pc 1 pulsation at a subauroral latitude.

Schofield, I., & Connors, M. (2007). Low-Cost Pulse-Counting Networked Magnetometer.

Viola, S. R., Graf, S., Kinshuk, & Leo, T.A. (2007). Investigating Relationships within the Index of Learning Styles. *International Journal of Interactive Technology and Smart Education*, 4, 7–18.

Wen, D., Graf, S., Lan, C.H., Anderson, T., Kinshuk, & Dickson, K. (2007). Supporting Web-based Learning through Adaptive Assessment. *FormaMente Journal*, 2, 45–79.

Wiegert, P., Balam, D., Moss, A., Veillet, C., Connors, M., & Shelton, I. (2007). A colour dependence in the size distribution of main belt asteroids. *I33*, 1609–1614.

2006

Abaza, M., & Preston, C. (2006). Design And Evaluation.

Chang, J. - C., Li, S.-C., Chang, M., & Heh, J.-S. (2006). Monitoring the Experiment Process and Measuring the Learning. *Springer.*, , 108–115.

Chang, M., Cheng, K.-F., Chang, J-K., & Chen, M.-W. (2006). An Assistant Tool for Teachers to Teach Computer Hardware with. *Hershey, PA: Idea Group, Inc*, , 249–266.

Chen, J. - C., Heh, J.-S., & Chang, M. (2006). Designing a Decompositional Rule Extraction Algorithm for Neural Networks. *Lecture Notes in Computer Science*, , 1305–1311.

Connors, M. (2006). Electrodynamics Parameters of the Auroral Oval from Combined Spacecraft and Ground Measurements. *Proceedings of the First Swarm International Science Meeting*, .

Connors, M., McPherron, R. L., & Clauer, R. (2006). Interpretation of Automated Forward Modeling Parameters for Sawtooth Events and Substorms.

Connors, M., Ponto, J., & McPherron, R. L. (2006). Physical Parameters of Substorms from Automated Forward Modeling. *87*(52).

Connors, M., Veillet, C., Brassler, R., Wiegert, P., Chodas, P. W., Mikkola, S., & Innanen, K.A. (2006). Limits of Stability in Earth Co-orbital Motion of Asteroids.

Donovan, E., Mende, S., Jackel, B., Frey, H., Syrjäso, M., Voronkov, I., Trondsen, T., Peticolas, L., Angelopoulos, V., Harris, S., Greffen, M., & Connor, M. (2006). The THEMIS All-Sky Imaging Array - System Design and Initial Results from the Prototype Imager. *Journal of Atmospheric and Solar-Terrestrial Physics*, 68, 1472–1487.

Eric, D., Mende, S., Jackel, D., Frey, H., Syrjäso, M., Harris, S., Greffen, M., Peticolas, L., Voronkov, I., Trondsen, T., Partamies, N., Connors, M., & Angelopoulos, V. (2006). The THEMIS All-Sky Imager Program.

Ieda, A., Shiokawa, K., Sakaguchi, K., Miyoshi, Y., Otsuka, Y., Ogawa, T., Hosokawa, K., Connors, M., & Donovan, E. (2006). Initial observations by the STEL all sky imager.

Lerner, R., Mikhail, N., Shelton, I. & Connors, M. (2006). Adjusting your MOP for a Cleaner Sweep of CFHTLS Data.

Li, S. - C., Chang, J.-C., Chang, M., & Heh, J.-S. (2006). Applying Knowledge Map to Diagnose Students' Misconception and Provide Suitable Teaching Materials. *WSEAS Transactions on Computers*, 5(1), 133–140.

Meurant, M., Blockx, C., Spanswick, E., Donovan, E.F., Hubert, B., Gérard, J.-C., Trondsen, T.S., & Connors, M. (2006). EL - a possible indicator to monitor the magnetic field stretching at global scale during substorm expansive phase: case study.

Meurant, M., Donovan, E F, Gerard, J, Blockx, C, Hubert, B, Coumans, V, Spanswick, E, & Connors, M. (2006). Magnetotail topology around substorm onset time.87(52).

Mikkola, S., Innanen, K., Wiegert, P., Connors M., & Brassler, R. (2006). Stability Limits for the Quasi-Satellite Orbit. *Monthly Notices of the Royal Astronomical Society*, .

Mulholland, R. C., & Abaza, A. (2006). The Search and Rescue Mission Management System – an information system model for Canadian Inter-governmental cooperatio. *Vol. (6)(1)*.

R. Fenrich, F. R., Waters, C.L, Connors, M., & Bredeson, C. (2006). Ionospheric Signatures of ULF waves: Passive Radar Techniques. *Magnetospheric ULF Waves: Synthesis and New Directions*, 169, 259–272.

Reckseidler-Zenteno, S. L., Tuanyok, A., Moore, R., Wong, E. & Woods, D. E. (2006). Genetic and Functional Characterization of the Capsules of *Burkholderia pseudomallei*. Abst. Conference on Infectious Diseases.

Sakaguchi, K., Shiokawa, K., Ieda, A., Miyoshi, Y., Otsuka, Y., Ogawa, T., Connors, M., Donovan, E. F., & Rich, F. J. (2006). Simultaneous ground and satellite observations of an isolated proton arc at subauroral latitudes.87(52).

Sakaguchi, K., Shiokawa, K., Ieda, A., Miyoshi, Y., Otsuka, Y., Ogawa, T., Connors, M., Donovan, E. F., & Rich, F. J. (2006). Simultaneous ground and satellite observations of an isolated proton arc at subauroral latitudes. , *Future Perspectives of Space Plasma and Particle Instrumentation and International Collaborations*, .

Shelton, I., Connors, M., & Lerner, R. (2006). Athabasca University Robotic Telescope.

Stacey, R. G., Connors, M., & Brassler, R. (2006). A Survey of Orbits of Co-orbitals of Jupiter.

Wiegert, P., Veillet, C., Shelton, I., Connors M., & Moss, A. (2006). Size-Frequency Distribution of Sub-Kilometer Main Belt Asteroids.

Winne, P. H., Nesbit, J. C., Kumar, V., Hadwin, A. F., Lajoie, S. P., Azevedo, R., et al. (2006). Supporting self-regulated learning with gStudy software: The learning kit project. *Technology, instruction, cognition and learning*, 3(1-2), 105–113.

Winne, P. H., Nesbit, J. C., Kumar, V., Hadwin, A. F., Lajoie, S. P., Azevedo, R., et al. (2006). Supporting self-regulated learning with gStudy software: The learning kit project. *Technology, instruction, cognition and learning*, 3(1-2), 105–113.

2005

Abaza, M., & Strange, W. (2005). Bringing JINI‘ to the Web.

- Cheng, C. - C., Russell, C. T., Connors, M., Reeves, G. D., & Moldwin, M. B. (2005). On the relationships between double-onset substorm, pseudobreakup, and IMF variation. *Journal of Geophysical Research*, 110.
- Connors, M. (2005). Progress on Low-Cost Pulse-Counting Magnetometers for Geomagnetic Studies.86(52),.
- Connors, M., & Al-Shamali, F. (2005). Moving Distance Education Physics Online At Athabasca University.61, 56.
- Connors, M., Donovan, E. F., Moldwin, M., Boteler, D., Russell, C. T., Singer, H. J., Hayashi, K., & Charbonneau, P. (2005). Joint Interpretation of Satellite And Ground-Based Data For Understanding Auroral Physics.61, 78.
- Connors, M., Stacey, R. G., Brasser, R., & Wiegert, P. (2005). A Survey of Orbits of Co-orbitals of Mars. *Planetary and Space Science*, 53, 617–624.
- Connors, M., Syrjäsoo, M., Brown, P., & Donovan, E. (2005). Meteor and Aurora Detection using Modern Video Technologies. *Journal of the Royal Astronomical Society of Canada*, 99, 14–22.
- Hsu, C. - K., Chang, J.-C., Chang, M., & Heh, J.-S. (2005). Unsupervised Knowledge Navigation: Reconstructing the Hypermedia Structure of Instructional Materials on World Wide Web. *WSEAS Transactions on Information Science and Applications*, 2(10), 1505–1513.
- Kennepohl, D., Baran, J., Connors, M., Quigley, K., & Currie, R. (2005). Remote Access to Instrumental Analysis for Distance Education in Science. *International Review of Research in Distance Education*, 1(1-2), 79–96.
- Kumar, V., Greer, J. E., & McCalla, G. I. (2005). Assisting online helpers. *International journal of learning technology*, 1(3), 293–321.
- Kumar, V., Greer, J. E., & McCalla, G. I. (2005). Assisting online helpers. *International journal of learning technology*, 1(3), 293–321.
- Meurant, M., Gérard, J.-C., Blockx, C., Coumans, V., Connors, M., Lyons, L. R., & Donovan, E. F. (2005). Comparison of intense nightside shock-induced precipitation and substorm activity. *Journal of Geophysical Research*, 110.
- Reckseidler-Zenteno, S. L., DeVinney, R., & Woods, D. E. (2005). The Capsular Polysaccharide of Burkholderia pseudomallei Contributes to Survival in Serum by Reducing Complement Factor C3b Deposition.1106–1115.
- Reckseidler-Zenteno, S. L., DeVinney, R., & Woods, D. E. (2005). The Capsular Polysaccharide of Burkholderia pseudomallei Contributes to Survival in Serum by Reducing Complement Factor C3b Deposition.1106–1115.
- Sakaguchi, K., Shiokawa, K., Ieda, A., Ogawa, T., Donovan, E., & Connors, M. (2005). Observation of Proton aurora with a meridian-scanning filter-tilting photometer at Athabasca.
- Wiegert, P., Connors, M., Brasser, R., Mikkola, S., Stacey, G., & Innanen, K. (2005). Sleeping with an Elephant: Asteroids that Share a Planet's Orbit.99, 145.

2004

- Badidi, E. & E., L. (2004). A multiagent framework for adaptive mobile learning. *the 17th International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems*, , 749–758.
- Brasser, R., Innanen, K., Connors, M., Veillet, C., Wiegert, P., Mikkola, S., & Chodas, P.W. (2004). Transient co-orbital asteroids. *171*, 102–109.
- Bredeson, C., & Connors, M. (2004). Enhancing the study of the aurora using low-cost magnetometers. *The Canadian Undergraduate Physics Journal*, 2, 9–13.
- Bredeson, C., Connors, M., & Warrington, B. (2004). Field Testing and Calibration of Low-Cost Pulse-counting Magnetometers. *85(17)*. [Impact factor: AGU 2004 Joint Assembly Outstanding Student Paper Award to Christy Bredeson for this work]
- Connors, M. (2004). A Decade of Success in Physics Distance Education at Athabasca University. *60*, 49–54.
- Connors, M. (2004). Athabasca University and AUGO Report to COSPAR. *Space Science Research*, , 27–31.
- Connors, M., & Innanen, K. (2004). Resonant and Co-orbital Asteroids Associated with Earth. *85(17)*.
- Connors, M., & McPherron, R.L. (2004). Interpretation of Automated Forward Modeling Parameters for Sawtooth Events and Steady Magnetospheric Convection. *85(47)*.
- Connors, M., Brasser, R., Stacey, G., & Wiegert, P. (2004). Inner solar system dynamical analogues for plutinos. *36*, 1184.
- Connors, M., Veillet, C., Brasser, R., Wiegert, P., Chodas, P. W., Mikkola, S., & Innanen, K. (2004). Discovery of Earth's Quasi-satellite. *Meteoritics and Planetary Science*, 39, 1251–1255.
- Donovan, E., Jackel, B., Syrjäsuo, M., Greffen, M., Trondsen, T., Voronkov, I., Connors, M., Ridley, A., Mende, S., Harris, S., Peticolas, L., Frey, H., & Angelopoulos v. (2004). Maximizing Utility of THEMIS All-Sky Imager Array Data for Science, Space Weather, and Public Outreach.
- Kuo, R., Lien, W.-P., Chang, M., & Heh, J.-S. (2004). Analyzing Problem's Difficulty based on Neural Networks and Knowledge Map. *International Journal of Educational Technology & Society*, 7(2), 124–132.
- Malpica, F., Welsch, F., Tremante, A., Chang, M., & Hsia, Y.-T. (2004). Applications of Information and. *Proceedings of International Conference on Education and Information Systems*, 1.
- Meurant, M., Gérard, J.-C., Blockx, C., Hubert, B., Coumans, V., & Connors, M. (2004). Comparison of intense nightside shock induced aurora and substorms activity. *85(47)*. [Impact factor: AGU Fall Meeting Outstanding Student Paper award to M. Meurant for this work]
- Moir, D. T., Opperman, T., Reckseidler-Zenteno, S., Segal, J., Schweizer, H., & Woods, D. E. (2004). Target-specific Reporter Screens for *B. pseudomallei* Targets in a Surrogate Species. Abstr. Interscience Conference on Antimicrobial Agents and Chemotherapy.
- Moore, R. A., Reckseidler-Zenteno, S., Nierman, W., Kim, H., Tuanyok, A., Warwara, J., DeShazer, D., & Woods, D. E. (2004). The Contribution of Gene Loss to the Pathogenic Evolution of *Burkholderia pseudomallei* and *Burkholderia mallei*. Abstr. American Society for Microbiology General Meeting.

Moore, R. A., Reckseidler-Zenteno, S., Kim, H., Nierman, W., Yu, Y., Tuanyok, A., Warwara, J., DeShazer, D., & Woods, D. E. (2004). The Contribution of Gene Loss to the Pathogenic Evolution of *Burkholderia pseudomallei* and *Burkholderia mallei*.4172–4187.

Moore, R. A., Reckseidler-Zenteno, S., Kim, H., Nierman, W., Yu, Y., Tuanyok, A., Warwara, J., DeShazer, D., & Woods, D. E. (2004). The Contribution of Gene Loss to the Pathogenic Evolution of *Burkholderia pseudomallei* and *Burkholderia mallei*.4172–4187.

Ponto, J., & Connors, M. (2004). Baselineing of CANOPUS Magnetometer Data for Automated Inversion.85(17).

Reckseidler-Zenteno, S. L., Tuanyok, A., & Woods, D. E. (2004). Genetic and Functional Characterization of the Capsular Polysaccharides of *Burkholderia pseudomallei*. Abstr. 4th World Melioidosis Congress.

Wang, H., Esmahi, L. & Wu, J. L. (2004). Proceedings of the 1st International Workshop on Advanced Technologies for E-Learning and E-Science held in conjunction with The IEEE/WIC/ACM International Joint Conference on Web Intelligence (WI-IAT 04).20–24.

2003

Connors, M. (2003). Athabasca University Canadian COSPAR Report. *Space Science Research in Canada 2000-2001*, .

Connors, M. (2003). Relation of Convection Bays, Poleward Border Intensifications, and Ps 6 Disturbances.59(3), 62–63.

Connors, M., Brown, P., Hube, D. P., Martin, B., Ling, A., Hladiuk, D., Mazur, M., & Spalding, R. (2003). 2001 Fireball and Implications for Meteor Video Camera Networks.97, 271–276.

Connors, M., Donovan, E., Syrjäsuo, M., Greffen, M., Mende, S., Russell, C. T., Jackel, B. J., & Trondsen, T. (2003). An Evening Sector Ps 6 - Omega Band Event.84(47).

Connors, M., Douglas, K., & Lyder, D. (2003). A Decade of Progress in Distance Education Astronomy.97, 218–222.

Connors, M., Foote, M., Martin, B., Hube, D. P., Spalding, R., Chavez, J., Trondsen, T., Syrjäsuo, M. & Ling, A. (2003). Low-Cost All-Sky Camera Systems for Meteor Studies.97, 211–212.

Connors, M., Foote, M., Martin, B., Hube, D. P., Trondsen, T., Syrjasuo, M., & Tsuruda, K. (2003). Low Cost All Sky Camera Systems for Auroral Studies.59(3),.

Connors, M., Rostoker, G., Sofko, G., McPherron, R. L., & Henderson, M. (2003). Ps 6 Disturbances: Relation to Substorms and the Auroral Oval. *Annales Geophysicae*, 21, 493–508.

Connors, M., Tkachuk, C., & Foote, M. (2003). Field Testing of Pulse Counting Magnetometers.59(3),, 100.

Connors, M., Tkachuk, C., Al-Shamali, F., & Ponto, J. (2003). Successes in Distance Education Physics at Athabasca University.59(3),, 73.

Donovan, E., Jackel, B., Syrjäsuo, M., Trondsen, T., Voronkov, I., Connors, M., Spanswick, E., Creutzberg, F., Wallis, D.D., & Sofko, G. (2003). NORSTAR - A Canadian Initiative for Remote

Sensing Particle Precipitation.

Donovan, E., Syrjäso, M., Jackel, B., Trondsen, T., Greffen, M., Cogger, L., Spanswick, E., Mende, S., Harris, S., Connors, M., Frey, H., & Angelopoulos, V. (2003). The THEMIS All-Sky Imager Array. *84*(47).

Martin, B. E., & Connors, M. (2003). Testing a Model for Sliding Motion on an Incline. *41*, 534–536.

Reckseidler-Zenteno, S. L., Ling, J., Moore, R. A., and Woods, D. E. (2003). Recent Research Advances on the Pathogenesis of Melioidosis and Glanders. *1*, 187–202.

2002

Cheng, C. - C., Russell, C. T., Connors, M., and Chi, P. J. (2002). Relationship between multiple substorm onsets and the IMF: A case study. *Journal of Geophysical Research*, *107*.

Connors, M. (2002). Extend the Timing Capabilities of a PC. *72*, *74*, *76*.

Connors, M. (2002). Nonlinear Optimization for Low Altitude Satellite Data Inversion.

Connors, M. (2002). PIC Processors, Printers as Robots, Web Appliances and Streaming Video: Convergence as Enabling Technologies for Distance Education Physics. *Second International Workshop on Tele-Education in Engineering Using Virtual Laboratories*, .

Connors, M., & Foote, M. (2002). High Resolution Temperature Sensing on the PC Parallel Port. *90*, *92*.

Connors, M., & Rostoker, G. (2002). A Substorm Sequence Studied with Automated Forward Modeling. *Sixth International Conference on Substorms*, , 490–495.

Connors, M., Chodas, P., Mikkola, S., Wiegert, P., Veillet, C., & Innanen, K. (2002). Discovery of an Asteroid and Quasi-Satellite in an Earth-Like Horseshoe Orbit. *Meteoritics and Planetary Science*, *37*, 1435–1441.

Connors, M., Douglas, K., & Lyder, D. (2002). A Decade of Progress in Distance Education Astronomy.

Connors, M., Ponto, J., & Foote, M. (2002). Assessment of Pulse Counting Magnetometer Technology for Solar-Terrestrial Environment Monitoring. *2002 Fall Meeting of the American Geophysical Union*, *83*(47).

Esmahi, L. & D., P. (2002). A Negotiation Policy for Interacting Agents in e-Markets. Artificial Intelligence and Simulation of Behaviour. *Symposium on Intelligent Agents in Virtual Markets*, .

Esmahi, L., Holt, P., Wang, H. & Abaza, M. (2002). An essay in e-learning tools categorization. *the 5th IASTED International conference on Computers and Advanced Technology in Education*, , 506–509.

Esmahi, L., Holt, P., Wang, H., & Abaza, M. (2002). An essay in e-learning tools categorization, in *Proceedings of the IASTED*. 506–509.

Hawkes, R. L., Campbell, M. D., LeBlanc, A. G., Parker, L., Brown, P., Jones, J., Worden, S. P., Correll, R. R., Woodworth, S. C., Fisher, A. A., Gural, P., Murray, I. S., Connors, M., Montague, Jewell, T., D., & Babcock, D. D. (2002). The Size of Meteoroid Constituent Grains: Implications for

Interstellar Meteoroids. *Dust in the Solar System and Other Planetary Systems*, , 23–26.

Henderson, M. G., Kepko, L., Spence, H. E., Connors, M., Sigwarth, J. B., Frank, L. A., Singer, H. J. and Yumoto, K. (2002). The Evolution of North-South Aligned Auroral Forms into Auroral Torch Structures: The Generation of Omega Bands and Ps6 Pulsations via Flow Bursts. *Sixth International Conference on Substorms*, , 169–174.

Lessard, M. R., Lotko, W., Peria, W. J., Carlson, C. W., & Connors, M. G. (2002). Growth-Phase Auroral Arcs and Ionospheric Currents. *2002 Fall Meeting of the American Geophysical Union*, 83(47),.

McPherron, R. L., Kivelson, M. G., Balogh, A., Reme, H., Amm, O., Baker, J., Connors, M., Creutzberg, F., Dandouras, I., Mann, I., Milling, D., Moldwin, M., Rostoker, G., Russell, C., & Waterman, J. (2002). Cluster Observations of the Postmidnight Tail Current at 18 Re during Substorms. *Sixth International Conference on Substorms*, , 283–290.

McPherron, R. L., Kivelson, M. G., Khurana, K., Thompson, S., Amm, O., Baker, J. B., Balogh, A., Reme, H., Connors, M., Cretuzberg, F., Dandouras, I., Mann, I., Milling, D., Moldwin, M., Rostoker, G., Russell, C., & Singer, H. (2002). A Comparison of Cluster Observations of the Tail Current during Substorms and Quiet Times. *2002 Fall Meeting of the American Geophysical Union*, 83(47),.

Wiegert, P., Connors, M., Chodas, P., Veillet, C., Mikkola, S., & Innanen, K. (2002). Earth Co-orbital Objects. *2002 Fall Meeting of the American Geophysical Union*, 83(47).

2001

Brown, P., Hildebrand, A. R. Connors, M., Hube, D. P., Martin, B., Ling, A. and Hladiuk, D. (2001). Fireball and Implications for Networks of Meteor Video Cameras.

Brown, P., Hildebrand, A. R., & Connors, M. (2001). Multi-station video observations of the Jan 26, 2001 fireball event over Alberta.

Cheng, C. - C., Russell, C. T, Connors, M., Gao, Y. F. & Chi, P. J. (2001). Relationship between Consecutive Bursts of Pi 2 Pulsations and Substorm Onsets.82(47),.

Connors, M., Rostoker, G., & Sofko, G. (2001). The Where and When of Ps 6 Pulsations.

Esmahi, L. (2001). Cooperation protocols for multiagents systems. *an analysis and a point of view (in FRENCH)*. *JournÃ©es francophones dâ€™intelligence artificielles distribuÃ©e et des systÃ©mes multiagents*, , 31â€“53.

Fellah A., Abaza, M, & Mammir, A. (2001). Efficient Data and Workload Balancing for Multikey sorting on Hypercube Multicomputers.355–358.

Henderson, M. G., Kepko, L., Spence, H. E., Connors, M., Sigwarth, J. B., Frank, L. A. & Singer, H. J. (2001). The evolution of north-south aligned auroral forms into auroral torch structures: The generation of omega bands and Ps6 pulsations via flow bursts.82(47),.

Shata, O., & Abaza, M. (2001). Distance Education. *An Ultimate Subject for Teachers and Students*, .

Wiegert, P., Veillet, C., Connors, M., Innanen, K., & Mikkola, S. (2001). A survey of Earth's L4 Lagrange point: initial results. *2001 Meeting of the Canadian Astronomical Society*, .

2000

Brown, P., Campbell, M. D., Ellis, K. J., Hawkes, R. L., Jones, J., Gural, P., Babcock, D., Barnbaum, C., Bartlett, R. K., Bedard, M., Bedient, J., Beech, M., Brosch, N., Clifton, S., Connors, M., Cooke, B., Goetz, P., Gaines, J. K., Gramer, L., Gray, J., Hildebrand, A. R., Jewell, D., Jones, A., Leake, M., LeBlanc, A. G., Looper, K., McIntosh, B. A., Montague, T., Morrow, M. J., Murray, I. S., Nikolova, S., Robichaud, J., Sponder, R., Talarico, J., Theijsmeijer, C., Tilton, B., Treu, M., Vachon, C., Webster, A. R., Weryk, R. & Worden, S. P. (2000). Global Ground-Based Electro-Optical and Radar Observations of the 1999 Leonid Shower: First Results.82, 167–191.

Brown, P., Campbell, M.D., Ellis, K.J., Hawkes, R., Jones, J., Bartlett, R.K., Bedard, M., Bedient, J., Beech, M., Brosch, N., Clifton, S., Connors, M., Cooke, B., Goetz, P., Gramer, L., Gray, J., Gural, P., Hildebrand, A.R., Jewell, D., Jones, A., Leake, M., McIntosh, B.A., Montague, T., Nikolova, S., Spondor, R., Talarico, J., Tilton, B., Treu, M., Vachon, C., Webster, A.R., & Worden S.P. (2000). Global Ground Based Observations of the 1999 Leonids.

Connors, M. (2000). Athabasca University - Space Environment. *Space Science Research in Canada*, 45–46.

Connors, M.(unlisted observer), & Veillet, C. (2000). M.P.E.C. 2000-P44, Minor Planet Center, Smithsonian Astrophysical Observatory.

Connors, M., & Martin, B. (2000). A Simple Slitless Spectrograph Based on Desktop Scanner Parts.

Connors, M., & Ponto, J. (2000). Space Science at Athabasca University.

Connors, M., & Veillet, C. (2000). M.P.E.C. 2000-R23, Minor Planet Center, Smithsonian Astrophysical Observatory.

Connors, M., Hildebrand, A. R., Molau, S., Rendtel, J., Sponder, R., Bayaraa, T., Batmunkh, D., Bekhtur, B., Garradd, K. G., & McNaught, R. H. (2000). The 1998 International Leonid Expedition.94, 24.

Connors, M., Veillet, C., Wiegert, P., Innanen, K., & Mikkola, S. (2000). Initial Results of a Survey of Earth's L4 Point for Possible Earth Trojan Asteroids.32, 1019.

Esmahi, L. & B., J.C. (2000). Using dependency relations in the negotiation process of multi-agent systems.

Esmahi, L. & L., R. (2000). An architecture for providing mobile integrated services for roaming users. *Invited talk at the 5th Mitel workshop on Innovation in Technology & Applications MICON'2000*, .

Esmahi, L., Dini, P. & Bernard, J.C. (2000). A virtual market place for intelligent agents. *The 33rd Hawaii International Conference on System Sciences*, 8, 8018.

Esmahi, L., Impey, R. & Liscano, R. (2000). Toward a mobile work environment. *The second international workshop on mobile agents for telecommunication applications*, , 27–47.

Fellah, A., Maamir, A., & Abaza, M. (2000). On Multikey Sorting. *International Journal Advances in Engineering Software*, 31, 493–498.

Friedrich, E., Rostoker, G., Connors, M. and McPherron, R. L. (2000). Comment on "A Note on Current Closure" by V. Vasyliunas. *Journal of Geophysical Research*, 105, 27841–27842.

Hawkes, R. L., Campbell, M. D., Brown, P., LeBlanc, A. G., Parker, L., Babcock, D. D., Fisher, A. A., Jones, J., Jewell, D., Worden, S. P., Woodworth, S. C., Murray, I. S., Gural, P., Connors, M., Hildebrand, A. R., & Correll, R. R. (2000). The Size of Meteoroid Constituent Grains: Implications for Interstellar Meteoroids.

Hube, D., Hessels, J., Connors, M., & Martin, B. (2000). Waiting for Bolides - The Sandia Labs All-Sky Camera Network.

Veillet, C., Doresoundiram, A., Connors, M., Wiegert, P., & Marsden, B. G. (2000). M.P.E.C. 2000-L60, Minor Planet Center, Smithsonian Astrophysical Observatory,.

1999

Abaza, M. & F., A. (1999). A Minimal Perfect Hashing Algorithm for Multikey.

Baayraa, T., Babcock, D., Batmunkh, D., Bedard, M., Bektur, B., Brown, P., Campbell, M., Connors, M., Correll, R., Ellis, K.J., Garradd, G., Gural, P., Hawkes, R., Hildebrand, A.R., Jewell, D., Jones, J., Leblanc, A., McNaught, R.H., Molau, S., Montague, T., Rendtel, J., Sponder, R., Tilton, B., Thorne, J., Webster, A.R., Worden, S.P., & Worsfold, R. (1999). Results of the 1998 International Leonid Observation Campaign.24.

Connors, M. (1999). Magnetic Field from AC and DC Current.

Connors, M. (1999). Temperature Coefficient of Resistance.

Connors, M., & Huddle, J. R. (1999). Simple Spectral Experiments During a Total Solar Eclipse.29, 72.

Connors, M., & Martin, B. (1999). A Simple Slitless Spectrograph Based on Desktop Scanner Parts.29, 71.

Connors, M., & Martin, B. (1999). Planetarium Programs in Distance Education Astronomy.29, 71.

Connors, M., & Rostoker, G. (1999). Ps 6 Pulsations and Substorm Phase.80, F889.

Connors, M., Russell, C., & Janicke, J. (1999). Low Cost Magnetic Instruments For Education And Research. *1999 meeting of Canadian Association of Physicists Division of Aeronomy and Space Physics*, .

Esmahi, L. & B., J.C. (1999). Socially committed agents: an approach based on CBR and dependency relations.

Esmahi, L. & D., P. (1999). A persuasive approach for social reasoning in multiagents systems (in FRENCH).

Esmahi, L., Dini, P. & Bernard, J.C. (1999). Mediating conflicts in a Virtual Market Place for Telecommunication Network Services.248–254.

Felah, A., & Abaza, M. (1999). On Page Blocks in Distributed Virtual Memory Systems.

Felah, A., Abaza, M., & Mamir, A. (1999). Distributed Data Structures for Multikey Sorting.2.

Friedrich, E., Rostoker, G., Connors, M. and McPherron, R. L. (1999). Influence of the substorm current wedge on the Dst index. *Journal of Geophysical Research*, 104, 4567–4576.

Friedrich, E., Rostoker, G., Connors, M. and McPherron, R. L. (1999). Influence of the substorm current wedge on the Dst index. *104*, 4567–4576.

Huddle, J. R., Webb, J. T., Dire, J. R., McConnell, I. L., Anderberg, L., Young, C. G., Connors, M., & Davis, B. F. (1999). Student Experiments During a Total Solar Eclipse. *5–11*.

Li, S. - C., Hsu, C.-K., Chang, M., & Heh, J.-S. (1999). Competency-Based Training Virtual Classroom for Vocational Training on WWW. Tamkang. *Journal of Science and Engineering*, *2*(3), 119–132.

Saraswati, D., Connors, M., & Flora, P. S. (1999). Physics 201 Study Guide. *235*.

Saraswati, D., Connors, M., & Flora, P. S. (1999). Physics 200 Study Guide. *263*.

Zalcik, M., & Connors, M. (1999). Long-Term Monitoring Of The Noctilucent Clouds. *1999 meeting of Canadian Association of Physicists Division of Aeronomy and Space Physics*, .

Zalcik, M., & Connors, M. (1999). The 1999 Noctilucent Cloud Season from North America: Visual and Video Results. *80*, F176.

1998

Connors, M. (1998). Night of the Northern Lights. *10–15 and 25*.

Connors, M. (1998). Physics 200 Home Lab Manual. *53 pp*.

Connors, M. (1998). The Lab Outside the Laboratory: Home Study Experimental Physics. *Proceedings of the 14th Annual Conference of the Canadian Association for Distance Education*, *1*, 76–77.

Connors, M., Rostoker, G., & Parks, G. (1998). Implications of Active Auroral Oval Borders for Substorm Timing Studies. *79*, F784.

Esmahi, L., Gauvin, D., Marchal, H. & Bernard, J.C. (1998). Un ModÃ¨le de coopÃ©ration pour les agents sociaux. *7ieme Colloque International sur les Nouvelles Technologies de la RÃ©partition*. *215–232*.

Greer, J., McCalla, G., Collins, J., Kumar, V., Meagher, P., & Vassileva, J. (1998). Supporting peer help and collaboration in distributed workplace environments. *International journal of artificial intelligence in education*, *9*, 159–177.

Greer, J., McCalla, G., Collins, J., Kumar, V., Meagher, P., & Vassileva, J. (1998). Supporting peer help and collaboration in distributed workplace environments. *International journal of artificial intelligence in education*, *9*, 159–177.

Hildebrand, A. R., Connors, M., Pilkington, M., Ortíz Alemán, C., & Chávez, RE. (1998). Mapping Chicxulub Crater Structure with Gravity and Seismic Reflection Data. *Meteorites: Flux with Time and Impact Effects*, *140*,, 155–176.

Hildebrand, A. R., Pilkington, M., Halpenny, J., Cooper, R., Connors, M., Ortiz Aleman, C., Chavez, R.E., Urrutia Fucugauchi, J., Graniel Castro, E., Camara Zi, A., & Buffler, R.T. nd, M. Pilkington, J. Halpenny, R. Cooper, M. Connors, C. Ortiz Aleman, R.E. Chavez, J. Urrutia Fucugauchi, E. Graniel Castro, A. Camara Zi, & R.T. Buffler. (1998). Mapping Chicxulub Crater Structure with Overlapping

Gravity and Seismic Surveys.

Hildebrand, A. R., Connors, M., Pilkington, M., Ortíz Alemán, C., & Chávez, RE. (1998). Mapping Chicxulub Crater Structure with Gravity and Seismic Reflection Data. *Meteorites: Flux with Time and Impact Effects*, 140, 155–176.

1997

Abaza, M., & Fellah, A. (1997). Distributed Virtual Memory in The CSMA/CD Environment.

Connors, M. (1997). Astronomy 200 Introduction to Astronomy and Astrophysics I Supplementary Laboratory.

Connors, M. (1997). Computer Physics in the Playground. *handout for Alberta Teachers' Association Science Council*, , 9.

Connors, M. (1997). Labs Outside the Laboratory: CBL and Graphical Analysis.53, , 85.

Connors, M. (1997). Physics 200/201 and 274 Lab Guide.80.

Connors, M., & Saraswati, D. (1997). Physics 201 Student Manual.16.

Connors, M., & Saraswati, D. (1997). Physics 200 Student Manual.16.

Connors, M., Hildebrand, A. R., & Pilkington, M. (1997). New Light on Chicxulub Crater. *Astronomy and Geophysics*, 38, 4.

Hildebrand, A. R., Pilkington, M., Halpenny, J., Cooper, R., Connors, M., Ortiz Aleman, C., Chavez, R.E., Urrutia Fucugauchi, J., Graniel Castro, E., Camara Zi, A., & Buffler, R.T. (1997). The Chicxulub Crater as Revealed by Gravity and Seismic Surveys.78, F398.

Hildebrand, A. R., Pilkington, M. Halpenny, J. F., Cooper, R. V., Connors, M., Ortiz-Aleman, C., Chavez, R. E., Urrutia-Fucugauchi, J., Graniel-Castro, E., Camara-Zi, A., & Buffler, R. T. (1997). Mapping Chicxulub Crater Structure with Gravity and Seismic Reflection Data (abstract).24–25.

Kumar, V. S., Anjaneyulu, K. S. R., & Gupte, U. A. (1997). Vidya: A situated CALL environment. *Computer assisted language learning*, 10(2), 149–172.

Kumar, V. S., Anjaneyulu, K. S. R., & Gupte, U. A. (1997). Vidya: A situated CALL environment. *Computer assisted language learning*, 10(2), 149–172.

1996

Abaza, M., & Fellah, A. (1996). An Efficient Matrix-Based Multikey Sorting Algorithm in Distributed Systems.87–90.

Bernard, J. C. & E., L. (1996). L'interaction Humain-Ordinateur par agents.

Connors, M. (1996). Physics 274 Lab Guide Summer.60.

Connors, M. (1996). Planetary Astronomy from the Renaissance to the rise of astrophysics Part B: the eighteenth and nineteenth centuries.90, 365–366.

Connors, M., Hildebrand, A. R., Pilkington, M., Ortiz-Aleman, C., Chavez, R. E., Urrutia-

Fucugauchi, J., Graniel-Castro, E., Camara-Zi, A., Vasquez, J., & Halpenny, J. F. (1996). Yucatán Karst Features and the Size of Chicxulub Crater. *127*, F11–F14.

Connors, M., Hildebrand, AR, Pilkington, M., Ortíz Alemán, C., Chávez, RE, Urrutia-Fucugauchi, J., Graniel-Castro, E., Camara, A., Halpenny, J. F., & Vasquez, J. (1996). Influence of the Buried Chicxulub Crater on Near-Surface Groundwater Flow: Evidence for Late-Stage Movement.

1995

Connors, M. (1995). *Astronomy 205 Universe: The Ultimate Frontier Student Manual*.16.

Connors, M. (1995). French Skeptic Visits Alberta. *7*(4).

Connors, M. (1995). Long-Necked Beers and Papparazzi Spaceprobes. *24*(2), 36–37.

Connors, M., Emery, B., & Rostoker, G. (1995). Automated Forward Modelling and AMIE Applied to the CDAW 9B Period. *76*, F506.

Hildebrand, A. R., Connors, M., Pilkington, M., Ortiz-Aleman, C., and Chavez, R. E. (1995). Chicxulub Crater Size and Structure As Revealed by Horizontal Bouguer Gravity Gradients and Cenote Distribution. *26*, 603–604.

Hildebrand, A. R., Connors, M., Pilkington, M., Ortiz-Aleman, C., Chavez, R. E., Urrutia-Fucugauchi, J., Graniel-Castro, E., Camara-Zi, A., & Vasquez, J. (1995). Yucatan Karst Features and the Size of Chicxulub Crater. *76*, F576.

Hildebrand, A. R., Pilkington, M., Halpenny, J. F., Ortiz-Aleman, C., Chavez, R. E., Urrutia-Fucugauchi, J., Connors, M., Graniel-Castro, E., Camara-Zi, A., & Vasquez, J. (1995). Imaging the buried Chicxulub crater with gravity gradients and cenotes. *30*, 519.

Hildebrand, A. R., Connors, M., Pilkington, M., Ortíz Alemán, C., & Chavez, R.E. (1995). Size and Structure of the Chicxulub Crater Revealed by Horizontal Gravity Gradients and Cenotes. *376*, 415–417.

Willis, A., & Connors, M. (1995). *Astronomy 200 Introduction to Astronomy and Astrophysics I Study Guide*.138.

1994

Connors, M. (1994). *Astronomy Laboratory Exercises Based on SkyGlobe*.25, 281.

Connors, M. (1994). Return of an Earth-Grazing Asteroid. *25*, 283–284.

Hildebrand, A. R., Connors, M., Pilkington, M., Ortiz-Aleman, C., & Chavez, RE. (1994). Size and Structure of the Chicxulub Crater. *Revista de la Sociedad Mexicana de Paleontologia*, *7*, 59–68.

Hildebrand, A. R., Connors, M., Pilkington, M., Ortiz-Aleman, C., & Chavez, RE. (1994). The Chicxulub Crater: Size, Structure and Hydrogeology. *75*, 409.

Ortiz-Aleman, C., Hildebrand, A. R., Pilkington, M., Chavez, R. E., & Connors, M. (1994). El crater Chicxulub: Tamaño y estructura. *14*(5), 13–14.

Willis, A., & Connors, M. (1994). *Astronomy 200 Introduction to Astronomy and Astrophysics I Student Manual*.16.

1993

Connors, M. (1993). CD-ROM Electronic Encyclopedias as an Astronomical Education Resource. *Journal of the Royal Astronomical Society of Canada*, 87, , 253–256.

Connors, M. (1993). Crater Floors on Venus are Tilted.24, 1218.

Connors, M. (1993). Cratering Rate of Near-Earth Asteroids.87, 180.

Connors, M. (1993). Distance Education with a Computerized Astronomy Laboratory.24,, 1168.

Connors, M. (1993). Educational Use of the Astronomical Data Centers'.87, 181.

Connors, M. (1993). Short Ride on a Fast Machine - Some Interesting Resonant Asteroids.87, 269.

Connors, M., & Rostoker, G. (1993). Source Mechanisms for Morning Auroral Features.

Connors, M., & Rostoker, G. (1993). Source Mechanisms for Morning Auroral Features. *Geophysical Research Letters*, 20, 1535–1538.

Malkawi, M., Abaza, A., & Knox, D. (1993). Process Migration In Distributed Virtual Memory Multicomputer Systems.

1992

Connors, M. (1992). An Inexpensive Planetary Research Laboratory.86, 226.

Connors, M. (1992). Crater Floor Slope and Tectonic Deformation on Venus.73, 331.

Connors, M. (1992). Distance Education in Teaching Introductory Astronomy. *Journal of the Royal Astronomical Society of Canada*, 86, 59–64.

Connors, M. (1992). Impact Crater Floor Tilt and Tectonic Movements on Venus.86, 226.

Malkawi, M., Abaza, A., & Knox, D. (1992). Paging Behavior in Distributed Virtual Memory Systems.

Malkawi, M., Abaza, M., & Knox, D. (1992). Performance Evaluation Of Page Replacement And Page Out In Distributed Virtual Memory Systems.

Rostoker, G., & Connors, M. (1992). Morning Auroral Features: UV and Magnetic Signatures.73, 473.

Rostoker, G., & Connors, M. (1992). Morning Auroral Features: UV and Magnetic Signatures.73, 473.

1991

Connors, M. (1991). Teaching Astronomy by Distance Education.85, 173.

Connors, M. (1991). The 'Terrestrial Maria' Hypothesis: Earth in the Context of the Inner Solar System.85, 175.

Connors, M., Rostoker, G., & Korotova, G. (1991). Modeling of the Evolution of Substorm

Expansive Phase Currents.72, 396.

1983

Rostoker, G., Connors, M., & Salopek, D. (1983). Response of the Eastward Electrojet to Substorm Expansive Phase Intensifications.64, 802.

1971

Connors, M. (1971). The R Corona Borealis Stars.65, L27–L28.

1970

Connors, M. (1970). Planetary Space Missions for the 1970's.64, L30–L31.

(not specified)

Abaza, M., & Allenby, D. VIRTUAL GREEN COMPUTING. *Assessment of the potential for virtual computing environments*, .

Al-Shamali, F., Sardarli, A., & Connors, M. (). Low Cost Introductory Physics Lab Experiments with Good Accuracy.63, 139.

Connors, M. (). Chicxulub Crater on Maps.90, 179–180.

Connors, M. (). Measurement and Analysis of the Field of Disk Magnets.40, 308–311.

Connors, M., & Martin, B. (). A Simple Slitless Spectrograph Based on Desktop Scanner Parts.29, 71.

Connors, M., Lerner, R., Jaugey, G., Lavraud, B., Volwerk, M., & McPherron, R. L. Onsets and Flapping Studied using a Dynamic Harris Sheet Model.

Connors, M., Veillet, C., Brassier, R., Wiegert, P., Chodas, P. W., Mikkola, S., & Innanen, K. Horseshoe asteroids and quasi-satellites in earth-like orbits. *Lunar and Planetary Science XXXV*, .

Connors, M. R., G., McPherron, R.L., Hsu, T.-S., & Ponto, J. (). Automated Forward Modelling and its Results for Substorms and Sawtooth Events.63, 96.

Graf, S., & Kinshuk. Adaptivity and Personalization in Learning Systems based on Learning Styles. *II Congreso Internacional de Ambientes Virtuales de Aprendizaje Adaptativos y Accesibles*, .

Graf, S., & Kinshuk. Dynamic Student Modelling of Learning Styles for Advanced Adaptivity in Learning Management Systems. *International Journal of Information Systems and Social Change*, .

Graf, S., Liu, T.-C., & Kinshuk. (). Supporting Teachers in Identifying Students' Learning Styles in Learning Management Systems. *Educational Technology & Society*, 12, 3–14.

Holt, P., Abaza, M., & others. Toward a Multimedia Distributed Learning Environment.

Lerner, R., Mikhail, N., Shelton, I., & Connors, M. (). Assessing a MOP to Cleanly Sweep Astronomical Images.101, 6–10.

Munyikwa, K., Feathers, J.K, Rittenour, T.M., & Shrimpton, H.K. Constraining the chronology of the

retreat of the Laurentide ice sheet from western Canada using luminescence chronologies from postglacial aeolian dune sequences. *Quaternary Geochronology*, , 407–422.

Poier, M., & Abaza, M. The Influence of Network Convergence on VoIP. *The 2010 Multi-Conference in Computer Science MULTICONF-10*, .

Miscellaneous

2010

Abaza, M. & H., J. (2010). *QoS MEDIA PROXY:ADAPTIVE INTER-DOMAIN QoS FOR VoIP*. MFC2010 conference.

2009

Abaza, M. & A., D. (2009). *The effect of Machine Virtualization on the Environmental Impact of Desktop Environments*.

Tan, Q., Kinshuk, Kuo, Y-H, Jeng, Y-L, Wu, P-H, Huang, Y-M., Liu, T-C., & Chang, M. (2009). *Location-Based Adaptive Mobile Learning Research Framework and Topics*. Vancouver, Canada: IEEE-CSE.

Tan, Q., Wu, P.-H., Jeng, Y.-L., Kinshuk, & Huang, Y.-M. (2009). *Mobile Computing Architecture for Multi-Platform Adaptation*. Lisbon, Portugal: IADIS Wireless Applications and Computing.

2005

Abaza, M. & W., T. (2005). *Wireless Application for Rural Access*. Calgary, Alberta, Canada,: Web Technologies, Applications, and Services.

(not specified)

Abaza, M., & Hébert, J. *A NOVEL INTER-DOMAIN QoS FOR VoIP*. Academy Publishers Journal.

Tkalcic, M., Quercia, D., & Graf, S. (2016). *Preface to the special issue on personality in personalized systems*. *User Modeling and User-Adapted Interaction*, 26(2-3). Springer Nature.

El-Bishouty, M. M., Chang, T. - W., Lima, R., Thaha, M. B., Kinshuk, & Graf, S. (2014). *Analyzing Learner Characteristics and Courses Based on Cognitive Abilities, Learning Styles, and Context*. *Smart Learning Environments*. Springer Berlin Heidelberg.

El-Bishouty, M. M., Saito, K., Chang, T., Kinshuk, & Graf, S. (2014). *Teaching Improvement Technologies for Adaptive and Personalized Learning Environments*. *Ubiquitous Learning Environments and Technologies*. Springer Berlin Heidelberg.

Fan, M. - X., Kuo, R., Chang, M., & Heh, J. - S. (2014). *Story-Based Virtual Experiment Environment*. *Smart Learning Environments*. Springer Berlin Heidelberg.

El-Bishouty, M. M., Chang, T. - W., Lima, R., Kinshuk, & Graf, S. (2012). *Profiling Learners and Analyzing Courses Based on Cognitive Abilities, Learning Styles and Context*. *Smart Learning Environments*.

Software

2007

Esmahi, L., & Ramadani, Y. (2007). *Agent-Based Web Services* (M. M. & P. Freire, Ed.) [Computer software].