

## *Kinshuk's Curriculum Vitae and Publications*

### **Dr. Kinshuk**

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The University of North Texas,  
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#### **Google Scholar Report (as of February 28, 2024)**

Profile: <http://scholar.google.cl/citations?user=0yiQ7VoAAAAJ>

Total citations	<b>20940</b>
h-index	<b>65</b>
i10-index	<b>274</b>

### *Current Employment*

#### **The University of North Texas, USA**

- **Dean**, College of Information  
**Professor**, Learning Technologies  
(August 2016 – now)

##### *Responsibilities:*

- Provide leadership within UNT's large, diverse, higher education environment
- Foster interdisciplinary collaborations – internally and externally
- Lead global engagement that supports and guides academic success
- Lead entrepreneurial scholars
- Lead national and internationally distinguished scholars
- Cultivate academic outreach and funding relationships with alumni and stakeholders
- Build bridges to leverage the strengths of existing researchers and scholars within the College of Information and with UNT faculty across the campus, as well as external to the university, plus identify and nurture future growth opportunities on behalf of beginning scholars
- Facilitate excellent and effective communication within their college and university
- Mentor doctoral researchers, students and leading diverse teams of researchers to assist UNT achieve RU/VH status
- Foster effective interaction with the highest levels of University personnel, make faculty senate presentations, participate in policy forums, conduct meetings, and facilitate meaningful information exchange
- Manage personnel issues involving faculty and staff
- Provide unified direction and decisive leadership to effectively advance university initiatives.
- Develop an atmosphere of excellence, to encourage meritocracy, scholarly achievement and research, to enhance faculty opportunities to become recognized leaders on a regional and national level, and to position the College of Information for major advancement in program development
- Focus on helping to advance the careers of others, and recruit/retain outstanding faculty of national stature
- Recruit, retain and guide students toward academic achievement and success within the College of Information
- Discern unique opportunities for synergies among the specializations within and around the College of Information, leading to growth and advancement of initiatives for the it, the University and the north Texas community
- Develop, advance and fortify alliances between UNT and the diverse communities that surround it, particularly with current and potential philanthropic partners from local and regional business, industry, and government entities
- Raise funds, and secure and increase external financial support
- Secure grants approval and funding, and mentor the grant identification, writing and servicing activities among faculty and research personnel
- Seek and discover funding opportunities to support research on behalf of the College of Information
- Enhance the functionality of the infrastructure necessary to improve and advance a research environment

- Provide guidance and education regarding compliance with federal regulations, state requirements, and institutional policies and procedures
- Cultivate a quality improvement culture on behalf of UNT's complex, diverse environment
- Investigate issues and problems, make assessments, develop strategic plans for resolution, and assemble necessary resources for the achievement of goals and priorities in conjunction with University initiatives
- Work collaboratively with other offices and departments to assure desired outcomes on behalf of the College and the University.
- Instill an institution-wide sense of advancement, direction, momentum and vitality toward achievement of potential within UNT's complex and diverse environment
- Develop, plan, format, implement and monitor for success all phases of fiscal operations of the College of Information.

## ***Past Employments***

### **Athabasca University, Canada**

- **Associate Dean, Faculty of Science and Technology**

(November 2010 – August 2016)

*Responsibilities:*

- Provide leadership in research development and graduate programs in the Faculty; develop mechanisms and targets for the growth of faculty research and graduate programs; develop and maintain a Faculty operational plan to drive the research infrastructure; develop and coordinate strategies for maximising the Faculty's success in gaining external research funding; provide evaluation of Faculty applications for internal funding and pre-evaluation for external funding; develop strategies to foster research collaborations within the Faculty, across Faculties and Institutes, and with external parties; and, develop a research portfolio that profiles new innovations and follows the research growth of the faculty
- Provide leadership for matters related to graduate programs on behalf of the Faculty, students and University; facilitate initiation of new academic graduate programs and appraisal of existing graduate programs; develop strategies for student recruitment; and, promote alumni to serve as mentors to new students
- Establish and develop Faculty research priorities; interact with industry, government, professional organizations and the wider community on all research matters and promote Faculty research activities to external stakeholders; foster operational plans and identify best practices of quality of research and research training; and, facilitate research mentorship within organisational units and across organisational units
- Coordinate Faculty-level workshops and staff development activities; and, promote graduate student research
- Provide leadership for maintaining effective links with government departments, authorities, and business and industry organisations relevant to the Faculty research activities

- **NSERC Industrial Research Chair in Adaptivity and Personalization in Informatics**

(April 2010 – August 2016)

*Responsibilities:*

- Provide international level research leadership in the area of adaptivity and personalization in informatics
- Mentor and prepare graduate students and postdoctoral fellows for workforce
- Establish and maintain research partnerships with international and national academic organizations, industry, governmental units, and community
- Deliver high quality research outcomes in terms of publications, outreach, grants and disciplinary leadership

- **Professor, School of Computing and Information Systems**

(August 2006 – August 2016)

*Responsibilities:*

- Teaching, research and service and full professor level in computing and information systems

- **iCORE Industrial Research Chair in Adaptivity and Personalization in Informatics**

(July 2008 – March 2010)

*Responsibilities:*

- Provide international level research leadership in the area of adaptivity and personalization in informatics
- Mentor and prepare graduate students and postdoctoral fellows for workforce
- Establish and maintain research partnerships with international and national academic organizations, industry, governmental units, and community

- Deliver high quality research outcomes in terms of publications, outreach, grants and disciplinary leadership

- **Director, School of Computing and Information Systems**

(August 2006 – October 2010)

*Responsibilities:*

- Provide academic and management leadership to the School
- Meet the long term and immediate management needs of the School, its staff, programs and budget
- Ensure that a collegial approach is taken towards decisions affecting the School
- Establish structures and processes within the School to ensure appropriate delegation of tasks
- Foster innovation and endeavour in course and program development, delivery, use of technology, learning accreditation, research and scholarship
- Represent the views of the School and its members to wider university community
- Represent the mission, and directions of the University to the School, to students, and externally
- Review, establish and implement the requirements and regulations for the credentials assigned to the Direction of School position
- Represent the University in discussions and negotiations with partner institutions and organizations in partnerships
- Lead the activities related to promotion and marketing of the credentials
- Coordinate the School's role in program reviews and accreditation process
- Chair relevant program councils

07/03 – 08/06	<i>Director, Advanced Learning Technologies Research Centre, Massey University, New Zealand (Founding Director)</i>
08/01 – 08/06	<i>Associate Professor, Information System Department, Massey University, New Zealand</i>
06/99-07/01	<i>Senior Lecturer, Information System Department, Massey University, New Zealand</i>
10/96 - 06/99	<i>Research Fellow, GMD - German National Research Center for Information Technology, Human Computer Interactions Institute, St. Augustin, Germany (Performance Award: August 1998)</i>
01/94 - 09/96	<i>Part-time Lecturer (Educational and Information Technology) to postgraduate and undergraduate students, De Montfort University, Leicester, England</i>
10/93 - 09/96	<i>Research Assistant, TLTP Byzantium Computer Aided Learning Project, De Montfort University, Leicester, England</i>
06/92 - 09/92	<i>Software Engineer cum Instructor, Academy of Computer Education, Kota, India</i>
06/92 - 09/92	<i>Part-time Lecturer (Computer Programming Fundamentals), Govt. Polytechnic College, Kota, India</i>

***Entrepreneurial initiatives***

2014 – 2016	<i>President and CEO, Smart Informatics Ltd., Canada</i> <a href="http://smart-informatics.net">http://smart-informatics.net</a>
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***Academic Education***

1993- 1996	De Montfort University, England	<i>PhD (Thesis: Computer Aided Learning for Entry Level Accountancy Students)</i> <i>Supervisor: Prof. Derek Teather</i>
1992-1993	Strathclyde University, Scotland	<i>Master of Science in Mechanical Computer Aided Engineering</i>
1987-1992	Rajasthan University, India	<i>Bachelor of Engineering (Mechanical) (Honours)</i>

***Long-Term Honorary/Visiting/Adjunct Professorships***

- Athabasca University, Canada (2017-2020) [Adjunct Professor]
- Tokyo Denki University, Japan (2013-2017) [Visiting Professor]

- Hong Kong Institute of Education, Hong Kong (2012-2013) [Honorary Professor]
- Beijing Normal University, China (2011-2016) [Guest Professor]
- National Cheng-Kung University, Taiwan (2008-2016) [Visiting Professor]
- University of Eastern Finland, Finland (2004-) [Docent]

### ***Short-Term Visiting Professorships***

1. National Sun Yat-sen University, Kaohsiung, Taiwan, 28 May – 5 June 2017.
2. National Sun Yat-sen University, Kaohsiung, Taiwan, 7-15 May 2017.
3. Shandong Normal University, Jinan, China, 3-10 April 2017.
4. National Sun Yat-sen University, Kaohsiung, Taiwan, 20 February – 12 March 2016.
5. National Sun Yat-sen University, Kaohsiung, Taiwan, 25 February – 17 March 2015.
6. National Sun Yat-sen University, Kaohsiung, Taiwan, 17 February – 10 March 2014.
7. Fellowship of Japan Society for the Promotion of Science (JSPS), August 20 – September 4, 2013.
8. The University of Hong Kong, Hong Kong, 5 August – 12 August 2013.
9. National Sun Yat-sen University, Kaohsiung, Taiwan, 17 February – 10 March 2013.
10. University of Chile, Chile, 6 January – 15 January 2013.
11. National Sun Yat-sen University, Kaohsiung, Taiwan, 20 February – 11 March 2012.
12. Beijing Normal University, Beijing, China, 24 April – 29 April 2011.
13. National Sun Yat-sen University, Kaohsiung, Taiwan, 21 February – 13 March 2011.
14. The University of Hong Kong, Hong Kong, 26 April – 10 May 2010.
15. National Sun Yat-sen University, Kaohsiung, Taiwan, 19 February – 12 March 2010.
16. National Cheng-Kung University, Tainan, Taiwan, 13-18 April 2009.
17. National Sun Yat-sen University, Kaohsiung, Taiwan, 28 December 2008 – 17 January 2009.
18. Università Politecnica delle Marche, Ancona, Italy, October 12 - 18, 2008.
19. National Cheng-Kung University, Tainan, Taiwan, 1-7 October 2007.
20. Fellowship of Japan Society for the Promotion of Science (JSPS), July 21 – August 10, 2008.
21. Tokyo Denki University, Tokyo, Japan, 25 June – July 3, 2007.
22. National Sun Yat-sen University, Kaohsiung, Taiwan, 12-28 May 2007.
23. Università Politecnica delle Marche, Ancona, Italy, March 11 - 16, 2007.
24. National Sun Yat-sen University, Kaohsiung, Taiwan, 26 December 2006 – 6 January, 2007.
25. University of Joensuu, Finland, January 23-28, 2006.
26. National Sun Yat-sen University, Kaohsiung, Taiwan, October 25-November 19, 2005.
27. Università Politecnica delle Marche, Ancona, Italy, September 4-9, 2005.
28. International Summer School on Educational Technology, Kaohsiung, Taiwan, June 28 - July 3, 2005.
29. Università Politecnica delle Marche, Ancona, Italy, October 11 - November 10, 2004.
30. International Summer School on Educational Technology, Joensuu, Finland, August 23-27, 2004.
31. National Sun Yat-sen University, Kaohsiung, Taiwan, July 5-31, 2004.
32. International Research and Training Center of Information Technologies and Systems UNESCO/IIP, Kiev, Ukraine, June 16-22, 2004.
33. Dresden University of Technology, Dresden, Germany, May 24 - June 7, 2004.
34. Nagaoka University of Technology, Japan, March 2-6, 2004.
35. International Summer School on Educational Technology, August 26-29, 2003, University of Joensuu, Finland.
36. Virtual Centre for Innovative Learning Technologies, University of Mauritius, Mauritius, January 21 – February 1, 2002.
37. Doctoral Seminars at University Carlos III de Madrid, June 9-18, 2001, Madrid, Spain.

### ***Keynotes/Invited Talks at International Events***

1. “Technological innovations to enhance student learning experiences - vision for future”, 2nd International Conference in Humanities & Social Sciences, Management and Educational Technology (Entente 2023), December 1, 2023, Neemrana, Rajasthan, India [Online]

2. "Improving students' learning experience through learning and teaching innovations", The International Conference on Innovation In Open and Distance Learning, October 24, 2023, Yogyakarta, Indonesia [Online] [Other speakers: Vanessa Paz Dennen (Florida State University, USA), Maria Mercedes Tan Rodrigo (Ateneo De Manila University, Philippines)]
3. "Adaptive Support for Technology-assisted Remote Collaboration", International LET-IN 2023, October 5, 2023, Dumaguete, Philippines [Online] [Other speakers: Jane Thomason (World Metaverse Council Interim Chair, Dubai, UAE), Jako Olivier (Commonwealth of Learning, Canada)].
4. "Adaptive approaches to enhancing learning experience in ubiquitous environments", The 4th International Conference on Distance Learning and Innovative Educational Technologies (DILET2022), December 9, 2022, Turkey [Online]
5. "Analytics innovations to enhance student learning experiences", International LET-IN 2022, October 6, 2022, Ankara, Turkey [Online] [Other speakers: Jozef Colpaert (University of Antwerp, Belgium), Badrul Khan (Author and Educator, USA)].
6. "Analytics based pedagogical innovations for enhanced student learning", 2022 International Conference on Open and Innovative Education (ICOIE 2022), forum on Pedagogical Innovations: Challenges and Strategies, July 14, 2022, Hong Kong [Online] [Other speakers: Shane Dawson (University of South Australia, Australia), Norman Vaughan (Mount Royal University, Alberta, Canada)].
7. "Transition to online and hybrid mode during pandemic and the impacts", The 2nd Global Conference on International Education (Global), session on 'The integration of science and education in the intelligent age', July 9, 2022, Beijing, China [Online].
8. "Enhancing Learning through Analytics", Forum on Big Data in Education and Learning Analytics, at the Global Smart Education Conference 2021, August 19, 2021, Beijing, China [Online].
9. "Making Learning Smart through Analytics", International Conference on Best Innovative Teaching Strategies, July 29, 2021, BITS-Pilani, India [Online] [Other speakers: Chun-Yen Chang (National Taiwan Normal University, Taiwan), Nian-Shing Chen (National Yunlin University of Science and Technology, Taiwan), Kim J. Hyatt (Carnegie Mellon University, USA), Vinnie Jauhari (Microsoft Corporation), Amitava 'Babi' Mitra (Massachusetts Institute of Technology, USA), M. Cynthia Hipwell (Texas A&M University, USA), Janet K. Allen and Farrokh Mistree (University of Oklahoma, USA)]
10. "Enhancing learning through adaptive and personalized learning environments", International Conference on Interdisciplinary Educational Reflections 2020, June 19, 2020 [Online] [Other speakers: Mutlu Cukurova (University College London Institute of Education, UK)]
11. "Enhancing Learning through Smart Learning Analytics", Smartlet project consortium meeting, June 17, 2020 [Online] [Other speakers: Maiga Chang (Athabasca University, Canada), David Guralnick (Columbia University, USA)]
12. "Smart Learning Approaches to Improving Language Learning Competencies", 2nd Pan-Pacific Technology-Enhanced Language Learning Conference (PPTELL 2019), July 3-5, 2019, Taipei, Taiwan.
13. "Enhancing Learning in Ubiquitous Environments", Learning and Teaching @EdUHK Festival 2019, May 24, 2019, Hong Kong. [Other speakers: KWOK YK Ricky (Associate Vice President - Teaching and Learning, The University of Hong Kong)]
14. "Ensuring student success through smart learning analytics", IEEE International Conference on Technology for Education (T4E 2018), December 10-13, 2018, Chennai, India.
15. "Improving learning through smart learning analytics", IROPINE Symposium on Open and Innovative Education", October, 27, 2017, Hong Kong. [Other speakers: Alan Tait (Emeritus Professor, Open University, United Kingdom), Chin-Chung Tsai (Chair Professor, National Taiwan Normal University, Taiwan)]
16. "Owning your profession - ensuring student success through analytics", 2017 Special Interest Groups (SIG) Joint Conference, hosted by SIG of Innovative Design of Learning Software, Ubiquitous Happy & Healthy Learning and Educational Big Data. May 11, 2017, Taipei, Taiwan.
17. "Enhancing Learning through Adaptivity and Personalization in Ubiquitous Environments", IEEE Global Engineering Education Conference (EDUCON 2017), April 25-28, 2017, Athens, Greece. [Other speakers: Martin Dougiamas (Founder and CEO of Moodle Pty Ltd, Perth, Western Australia), Dragan Gašević (Professor and Chair in Learning Analytics and Informatics, University of Edinburgh, United Kingdom)]
18. "Big data and analytics in higher education", 2nd US-China Smart Education Conference, March 18-20, 2017, Beijing, China.
19. "The Future of the Information Profession", Texas Library Association District 5 Fall Conference, November 5, 2016, Tyler, Texas, USA.
20. "Improving learning through smart learning analytics" and "Learner Engagement/Retention Through Technology", V Brazilian Congress on Informatics in Education (CBIE), October 24-27, 2016, Uberlândia,

- MG, Brazil. [Other speakers: Rosa Maria Vicari (UNESCO Chair in ICT, Federal University of Rio Grande do Sul, Brazil), Peter Brusilovsky (University of Pittsburgh, USA)]
21. "Adaptive, Personalized, and Analytics based Smart Learning Environments", SIG Workshop for the Innovative Learning Software Design and Ubiquitous Happy and Healthy Learning, March 6, 2016, Kaohsiung, Taiwan [Other speakers: Yueh-Min Huang (National Cheng-Kong University, Taiwan), Chuan-Yu Chang (National Yunlin University of Science & Technology, Taiwan)]
  22. "Advances in school instruction through learning analytics", International Workshop on Innovation in Instructional Models, January 9, 2015, Beijing, China. [Other speakers: Demetrios Sampson (University of Piraeus, Greece), Will Ellis (European Schoolnet, Brussels), Ronghuai Huang (Beijing Normal University, China)]
  23. "Theory and Practice of Distance Education - The Case of Athabasca University", The 13<sup>th</sup> International Forum of Educational Technology: Technology-supported Education Innovation and Collaborative Development, October 18-19, 2014, Wuxi, China. [Other speakers: Margaret Haughey (Emeritus Professor, University of Alberta, Canada), Cheng Jianggang (Tsinghua University, Beijing, China), Stephen Jin-Hwa Yang (National Central University, Taiwan), Ronghuai Huang (Beijing Normal University, China)]
  24. "Development of Learning Resources - The Case of Athabasca University", Workshop on the Development Models for Digital Learning Resources, October 15, 2014, Beijing, China. [Other speaker(s): Allison Powell (Vice President for State and District Services, International Association for K-12 Online Learning, USA)]
  25. "Improving Learner Engagement/Retention Through Technology", eLearning Forum Asia 2014, May 28-30, 2014, Tainan, Taiwan.
  26. "Ubiquitous learning analytics for adaptive and authentic instruction", "Children and Technology" Conference, May 12, 2014, Ankara, Turkey.
  27. "Ubiquitous learning analytics for adaptive and authentic instruction", 2013 International Forum on Educational Technology, December 1-2, 2013, Wuhan, China. [Other speakers: Cheng Jianggang (Tsinghua University, Beijing, China), Kwok Lam-For (City University of Hong Kong), Tjeerd Plomp (University of Twente, The Netherlands) and Chen Nian-Shing (National Sun Yat-sen University, Taiwan)]
  28. "Using 'Big Data' effectively through ubiquitous learning analytics", Workshop on the Educational Innovation through Beijing Digital School 2013, November 29, 2013, Beijing, China.
  29. "Ubiquitous learning analytics for adaptive and authentic instruction", International Conference on Cognition and Exploratory Learning in Digital Age, October 22-24, 2013, Fort Worth, Texas, USA.
  30. "Technology-assisted Remote Collaboration", European Workshop on Europe and Asia: How to Stimulate Mobility and Collaboration? September 20, 2013, Barcelona, Spain.
  31. "Enhancing learning through adaptivity and personalization in ubiquitous environments", EdMedia 2013 - World Conference on Educational Media and Technology, June 24-27, 2013, Victoria, BC, Canada. [Other speakers: Mitchel Resnick (Massachusetts Institute of Technology, USA), Sidneyeve Matrix (Queen's University, Canada), and Gardner Campbell (Virginia Tech University, USA)]
  32. "Ubiquitous learning analytics for adaptive and authentic instruction", the AECT International Conference on the Frontier in e-Learning Research 2013, June 18-20, 2013, Taichung, Taiwan. [Other speakers: Gwo-Dong Chen (National Central University, Taiwan), Elliot Soloway (University of Michigan, USA), J. Michael Spector (University of North Texas, USA), and Lucia Mason (University of Padova, Italy)]
  33. "e-learning ... m-learning ... u-learning - innovations and personalization issues", India Canada International Conference on Open and Flexible Distance Learning, February 20-22, 2013, Mumbai, India. [Online] [Other speakers: Tan Sri Anuwar Ali (Vice Chancellor and President, Open University Malaysia), Marmar Mukhopadhyay (Chairman, Educational Technology and Management Association, India), Kannan M. Moudgalya (Indian Institute of Technology Bombay, India), Frank Banks (The Open University, United Kingdom)]
  34. "Enhancing Learning through Adaptivity and Personalization in Ubiquitous Environments", The 2nd International Symposium on Smart Learning Environment (SLE2012), October 12-18, 2012, Beijing and Hangzhou, China.
  35. Commentary on Best Paper Award winner paper "An Investigation of Mobile Learning Readiness in Higher Education based on the Theory of Planned Behavior", Instructional Technology SIG Business Meeting and Reception at the AERA 2012 Annual Meeting, April 13-17, 2012, Vancouver, Canada. [Pre-recorded]
  36. "Adaptivity & Personalization in u-Learning", National Level Workshop on Mobile & Ubiquitous Learning, April 3, 2012, Hyderabad, India. [Online]
  37. "Adaptivity and personalization of learning in online courses through automatic detection of learners' learning styles", 2012 International Graduate Student Consortium, March 2-3, 2012, Taipei, Taiwan. [Other speakers: Chin-Chung Tsai (National Taiwan University for Science and Technology), Gwo-Jen Hwang (National Taiwan University for Science and Technology)]

38. "Adaptation Framework for Location-Based Mobile Learning", TELDAP International Conference, February 21-24, 2012, Taipei, Taiwan. [Other speakers: Donald J. Waters (Andrew W. Mellon Foundation)]
39. "Innovations in technology enhanced learning - bringing education to real life", *Innovista 2012 - State level Technical symposium*, February 17, 2012, Arunai Engineering College, Tiruvannamalai, India. [Online]
40. "Enhancing learning through adaptivity and personalization in ubiquitous environments", IEEE International Conference on Technology Enhanced Education (ICTEE), January 3-5, 2012, Amritapuri, Kerala, India. [Other speakers: Muhammad Yunus (Nobel Laureate), M S Vijay Kumar (MIT), Vasudha Kamat (SNDT Womens University), Candace Thille (Carnegie Mellon University), Larry Johnson (New Media Consortium), Marcia Linn (University of California Berkeley), Dan Hastings (MIT), R.K. Shevgaonkar (Director IIT Delhi)]
41. "Adaptivity and Personalization in Mobile and Ubiquitous learning environments", 2<sup>nd</sup> World Conference on Information Technology (WCIT 2011), November 22-27, 2011, Antalya, Turkey.
42. "Extending e-learning to ubiquitous learning: Bringing authenticity in the learning process", III Congreso Internacional de Ambientes Virtuales de Aprendizaje Adaptativos y Accesibles (CAVA 2011), November 1-4, 2011, Bogota, Columbia.
43. "Extending e-learning to ubiquitous learning: innovations and personalization issues", 2011 International Conference of Civil Servant Distance Training, October 27-28, 2011, Beijing, China.
44. "The 5R Adaptation Framework for Location-Based Mobile Learning Systems", 10<sup>th</sup> World Conference on Mobile and Contextual Learning, October 18-21, 2011, Beijing, China.
45. "Transition from e-learning to u-learning: innovations and personalization issues", October 1, 2011, Expouniversidad 2011, Medellin, Colombia.
46. "e-Learning Research Trends", September 9, 2011, Edutainment 2011 Conference, Taipei, Taiwan.
47. "Learning Technologies Research at Athabasca University", August 25-26, 2011, Jalisco/Alberta Symposium, Guadalajara, Jalisco, Mexico.
48. "Transition from e-learning to u-learning: innovations and personalization issues", July 15, 2011, IEEE International Conference on Technology for Education (T4E), July 14-16, 2011, Chennai, India.
49. "Adaptive and Personalized Virtual Education in Ubiquitous environments", June 23, 2011, XII International Congress Virtual Educa 2011, Mexico City, Mexico.
50. "Solving Grand Challenge - Eliminate Conscious Learning (through adaptivity and personalization in ubiquitous learning)", November 6, 2010, Beijing Forum 2010, Peking University, Beijing, China.
51. "Adaptive and personalized tools in the context of e-learning", September 22, 2010, Summer School 2010 on Computer Aided Translation, Università degli Studi di Palermo, Italy.
52. "Eliminate conscious learning!", Panel on The future of Smart mobile devices in educational context, e-Learning Week 2010: Conference, September 15-17, 2010, Seoul, South Korea.
53. "Adaptivity and Personalization in Ubiquitous learning environments", e-Learning Week 2010: Conference, September 15-17, 2010, Seoul, South Korea.
54. "Adaptivity and Personalization in Ubiquitous learning environments", II Congreso Internacional de Ambientes Virtuales de Aprendizaje Adaptativos y Accesibles (CAVA 2010), September 1-3, 2010, Cartagena, Columbia.
55. "Adaptive and Personalized Learning systems", Summer School for Emerging Technologies in Education, July 23, 2010, Peking University, China.
56. "Adaptivity and Personalization in Ubiquitous learning environments", 2<sup>nd</sup> Workshop of Knowledge Management & E-Learning, May 5, 2010, The University of Hong Kong, Hong Kong.
57. "Enhancing learning through adaptivity and personalization in ubiquitous environments", The Taiwan e-Learning and Digital Archives Program (TELDAP) International Conference 2010, March 2-4, 2010, Taipei, Taiwan.
58. "Adaptive and personalized learning experience through mobile technologies", International Conference on Computers in Education (ICCE 2009), December 2, 2009, Hong Kong.
59. "Adaptivity and Personalization in Mobile Learning", International Conference on Innovation of Teaching and Learning, November 13, 2009, Jhongli, Taiwan.
60. "Adaptivity and Personalization in Mobile Learning", The 4th Conference on Computer and Network Technology in Education (CNTE 2008), October 30, 2008, Hsinchu, Taiwan.
61. "Adaptivity and Personalization in Mobile Learning", The Educational Technology International Forum 2008, September 27-29, 2008, Jinan, China.

62. "Blended synchronous learning in mobile learning environment", Technology Enhanced Learning Conference 2007 (TELearn 2007), July 14-15, 2007, Jhong-Li, Taoyuan, Taiwan.
63. "Opening web-based learning to a larger student community ~ through adaptivity ~", The first International Conference on Information and Communication Technology & Accessibility, 10-17 April 2007, Hammamet, Tunisia.
64. "Adaptivity Through Cognitive Modelling in Learning Systems", 5th Panhellenic Conference on Information and Communication Technologies in Education (ETPE 2006), October 5-8, 2006, Thessaloniki, Greece.
65. "Adaptivity Through Cognitive Profiling in Learning Systems", 9th International Conference Interactive Computer aided Learning (ICL2006), September 27 - 29, 2006, Villach, Austria.
66. "Improving Adaptivity in Learning Through Cognitive Modeling", 8th International Conference on Intelligent Tutoring Systems, June 26-30, 2006, Jhongli, Taiwan.
67. "Adaptive Approaches in Web Learning Communities - Enhancing the Quality of Life-Long Learning", 1<sup>st</sup> International Conference on Developing a Common Platform for Global Co-operation (GUIDE 2006), February 13-14, 2006, Rome, Italy.
68. "Adaptivity Through Cognitive Modelling in Learning Systems", 2005 International Conference on Education and Information Technology, December 9-10, 2005, Keelung City, Taiwan.
69. "Adaptivity Through Cognitive Modelling in Virtual Learning Environments", WSEAS International Conference on Engineering Education, July 8-10, 2005, Athens, Greece.
70. "Adaptivity Through Cognitive Modelling in Learning Systems", Information Technologies in Education International Workshop, 13-17 June, 2005, Yerevan, Armenia.
71. "Adaptive Approaches in Web Learning Communities - Enhancing the Quality of Technical and Vocational Education", UNESCO-UNEVOC/JSiSE International Seminar on Human Development for Knowledge Based Society, 18th March 2005, Tokyo, Japan.
72. "Why industry and researchers should exploit each other and how - an ICALT perspective", September 2, 2004, IEEE International Conference on Advanced Learning Technologies - Business Day, Joensuu, Finland.
73. "Adaptive Systems for Life-long Education", July 7, 2004, The Workshop of Learning Technologies for e-Learning at 21st Century: Design and Research Issues, National Kaohsiung Normal University, Taiwan.
74. "State-of-the-art in adaptive learning", December 10, 2003, ICOOL 2003 - International Conference on Open & Online Learning, December 7-13, 2003, Mauritius.
75. "State of Art in Contextualized Learning", September 1, 2003, Second International Conference on Educational Technology in Cultural Context, Joensuu, Finland.
76. "Media and students' culture of (m)learning", March 24, 2003, International Workshop for Mobile Learning, National Central University, Chung-Li, Taiwan.
77. "Effects of media on students' culture of learning", September 10, 2002, IEEE International Conference on Advanced Learning Technologies, Kazan, Russia.
78. "Adaptive Systems for Life-long Education", August 23, 2002, International Conference of the Korean Society of Educational Technology, Seoul, South Korea.

### ***Invited Talks at Organizations***

1. "Enhancing learning through adaptive and personalized learning environments", September 25, 2019, Vellore Institute of Technology, Vellore, Tamil Nadu, India [Online].
2. "Ensuring student success through smart learning analytics", November 27, 2018, National Taiwan Normal University, Taiwan.
3. "Improving Learning Through Smart Learning Analytics", November 7, 2018, Tecnologico de Monterrey, Mexico [Online].
4. "Owning your profession - ensuring student success through analytics", May 10, 2017, National Sun Yat-sen University, Kaohsiung, Taiwan.
5. "How to make your mark in the world through conference presentations (and why)!", May 9, 2016, Athabasca University, Edmonton, Canada.
6. "Adaptive, Personalized, and Analytics based Smart Learning Environments", March 8, 2016, National Kaohsiung First University of Science and Technology, Kaohsiung, Taiwan.



7. "Adaptive, Personalized, and Analytics based Smart Learning Environments", March 3, 2016, Kaohsiung Medical University, Kaohsiung, Taiwan.
8. "Smart Learning Technologies", August 3, 2015, UNT-I GRO Global Discovery Workshop on Research, Development and Evaluation of Advanced Learning Technologies, August 3-6, 2015, University of North Texas, Denton, Texas, USA.
9. "Making learning smart through analytics", March 12, 2015, National Dong Hwa University, Hualien, Taiwan.
10. "Making learning smart through analytics", March 4, 2015, National Kaohsiung Normal University, Kaohsiung, Taiwan.
11. "Making learning smart through analytics", February 26, 2015, National Sun Yat-sen University, Kaohsiung, Taiwan.
12. "Adaptivity and Personalization in Mobile and Ubiquitous learning environments", January 12, 2015, Shandong Normal University, Jinan, China.
13. "Ubiquitous learning analytics for adaptive and authentic instruction", February 26, 2014, Far East University, Tainan, Taiwan.
14. "Technology-assisted Remote Collaboration", February 21, 2014, National Sun Yat-sen University, Kaohsiung, Taiwan.
15. "Innovations in Online Learning", October 8, 2013, Vardhman Mahaveer Open University, Kota, India. *[Online]*
16. "Enhancing learning through adaptivity and personalization in ubiquitous environments", September 18, 2013, University of Barcelona, Spain.
17. "Improving Learner Engagement/Retention Through Technology", Workshop on Improving Literacy - Exploring Enabling Technology (organized by Alberta Ministry of Enterprise and Advanced Education), June 28, 2013, Edmonton, Canada.
18. "e-learning ... m-learning ... u-learning ~ innovations and personalization issues ~", March 28, 2013, Beijing Normal University, Beijing, China. *[Online]*
19. "Adapting learning in online courses through automatic detection of learners' learning styles", March 13, 2013, National Mission on Education through ICT (NMEICT) Online Session, Amrita University, India. *[Online]*
20. "Interactive Course Analysis - Improving harmony between online courses and student cohorts", March 6, 2013, National Central University, Taiwan.
21. "Interactive Course Analysis - Improving harmony between online courses and student cohorts", March 1, 2013, National Sun Yat-sen University, Taiwan.
22. "Approaches to facilitate adaptivity in ubiquitous learning environments", January 16, 2013, National Mission on Education through ICT (NMEICT) Online Session, Amrita University, India. *[Online]*
23. "Enhancing learning through adaptivity and personalization in ubiquitous environments", January 8, 2013, University of Chile, Santiago, Chile.
24. "Authentic learning in higher education - role of ubiquitous technologies", December 5, 2012, National Mission on Education through ICT (NMEICT) Online Session, Amrita University, India. *[Online]*
25. "Adaptivity and personalization through cognitive modeling in ubiquitous learning systems", October 3, 2012, University of North Texas, USA.
26. "Innovations in technology enhanced learning - bringing education to real life", July 23, 2012, VNR Vignana Jyothi Institute of Engineering and Technology (VNR VJIET), Hyderabad, India.
27. "Adaptivity and personalization of learning in online courses through automatic detection of learners' learning styles", May 9, 2012, Beijing Normal University, Beijing, China.
28. "Innovations in technology enhanced learning - bringing education to real life", March 7, 2012, Far East University, Tainan, Taiwan.
29. "Adaptivity in Ubiquitous Learning Environments", March 1, 2012, Beijing Normal University, Beijing, China. *[Online]*
30. "e-Learning - Innovations and Personalization Issues", February 10, 2012, St. Edward's University, Austin, Texas, USA. *[Online]*
31. "Personalization of ICT and Distance Education", November 10, 2011, Alberta EdTech Cluster Meeting, Edmonton, Canada.

32. "Adaptivity - Supporting user exploration - Exploration Space Control", November 15, 2011, Indian Institute of Technology Bombay, Mumbai, India.
33. "Adaptivity - Cognition and Content", November 11, 2011, Indian Institute of Technology Bombay, Mumbai, India.
34. "Introduction to Adaptivity", November 7, 2011, Indian Institute of Technology Bombay, Mumbai, India.
35. "Transition from e-learning to u-learning: innovations and personalization issues", September 13, 2011, Asia University, Hsinchu, Taiwan.
36. "Transition from e-learning to u-learning: innovations and personalization issues", April 26, 2011, Beijing Normal University, Beijing, China.
37. "Transition from e-learning to u-learning: innovations and personalization issues", March 11, 2011, Natinal Sun Yat-sen University, Taiwan.
38. "Transition from e-learning to u-learning: innovations and personalization issues", March 9, 2011, Natinal Central University, Taiwan.
39. "Adaptivity and Personalization in Ubiquitous learning environments", November 4, 2010, Beijing Normal University, Beijing, China.
40. "Adaptivity and Personalization in Ubiquitous learning environments", November 3, 2010, Tsinghua University, Beijing, China.
41. "e-learning principles for exploratory learning", September 14, 2010, Chungbuk National University, South Korea.
42. "Adaptivity and Personalization in Ubiquitous learning environments", Technology Enhanced Knowledge Research Institute Doctoral Seminar, June 23, 2010, Athabasca University, Edmonton, Canada.
43. "Adaptivity Through Cognitive Modelling in Learning Systems", April 29, 2010, The University of Hong Kong, Hong Kong.
44. "Enhancing learning through adaptivity and personalization in ubiquitous environments", April 14, 2010, Asia University, Taichung, Taiwan.
45. "Computer Assisted Language Learning", Technology Enhanced Language Learning Special Interest Group, November 12, 2009, Taipei, Taiwan.
46. "Adaptivity and Personalization in Mobile Learning", National Kaohsiung First University of Science and Technology, November 11, 2009, Kaohsiung, Taiwan.
47. "Adaptivity and Personalization in Mobile Learning", Ming Chuan University, April 17, 2009, Taipei, Taiwan.
48. "Adaptivity and Personalization in Mobile Learning", National Central University, April 16, 2009, JhongLi, Taiwan.
49. "Adaptivity and Personalization in Learning Systems Through Cognitive Modelling", Tokyo Denki University, February 27, 2009, Tokyo, Japan.
50. "Adaptivity and Personalization in Mobile Learning, and How to Publish in a SSCI Journal - Case of Educational Technology and Society", Meiho Institute of Technology, January 9, 2009, Pintung, Taiwan
51. "Adaptivity and Personalization in Mobile Learning", National Sun Yat-sen University, January 7, 2009, Kaohsiung, Taiwan.
52. "Adaptivity and Personalization in Mobile Learning", National Kaohsiung Normal University, January 5, 2009, Kaohsiung, Taiwan.
53. "Adaptivity and Personalization in Mobile Learning", National Central University, October 30, 2008, JhongLi, Taiwan.
54. "Adaptivity and Personalization in Mobile Learning", August 5, 2008, Hitachi Software, Tokyo, Japan.
55. "Adaptivity and Personalization in Mobile Learning", August 1, 2008, Kyoto University, Japan.
56. "Adaptivity and Personalization in Mobile Learning", July 31, 2008, Nagoya University, Japan.
57. "Adaptivity Through Cognitive Modelling in Learning Systems", April 11, 2008, Pontifica Universidad Catolica de Chile, Chile.
58. "Adaptation in Mobile Learning", December 21, 2007, Vienna University of Technology, Austria.
59. "Widening access through blended synchronous and mobile learning", October 5, 2007, National University of Tainan, Taiwan.
60. "Adaptivity approaches in multi-platform learning environments", October 3, 2007, National Cheng-Kung University, Tainan, Taiwan.

61. "Enhancing learning experience through mobile learning", October 2, 2007, National Chia-yi University, Taiwan.
62. "Improving Adaptivity in Learning Through Cognitive Modeling", National University of Tainan, Taiwan, December 28, 2006.
63. "User Exploration Based Adaptive Learning Systems - Adaptivity Through Cognitive Trait Modelling", March 1, 2004, University of Electro-Communications, Tokyo, Japan.
64. "Manawatu New Zealand Information Technology Cluster", January 31, 2002, National Productivity & Competitiveness Council, Mauritius.
65. "Client-server based adaptive and intelligent tutoring", July 25, 2001, UCOL, Palmerston North, New Zealand.
66. "Technology issues in e-commerce implementation", May 9, 2001, Vision Manawatu and BIZ Training Programme (Ministry of Economic Development), Palmerston North, New Zealand.
67. "Client-server based adaptive and intelligent tutoring", April 30, 2001, UNU/IIST, Macau, China.
68. "Computer Applications in Life Long Learning: Recent Trends". 18 April 2000, Royal Society of New Zealand Manawatu Branch, Palmerston North, New Zealand.

### **Notable presentations**

- "Open Learning Analytics with Caliper", IMS Learning Impact 2015, May 6, 2015, Atlanta, GA, USA [Presenters: Alfred Essa, Kinshuk, Vive Kumar, Neil Zimmerman, David Boulanger]
- "Ubiquitous Learning Analytics", Lunchalytics at the Startup Edmonton, April 15, 2015, Edmonton, Canada.
- "Analytics in K-12", Alberta Technology Leaders in Education (ATLE) Convergence 2014 Conference, November 17, 2014, Edmonton, Canada [Presenters: Kinshuk, Vive Kumar, Julie Peschke]

### **Grants Reviewer**

- *Austria*: LIT - Linz Institute of Technology [2017], Austrian Science Fund (FWF) [2005, 2006]
- *Canada*: National Science and Engineering Research Council (NSERC) [2011, 2012, 2014, 2015], Social Sciences and Humanities Research Council (SSHRC) [2009, 2010, 2011, 2014]
- *Chile*: FONDECYT [2014]
- *Croatia*: National Council for Science, Higher Education and Technological Development [2015]
- *Europe*: European Commission Framework Program 7 [2008], European Coordinated Research on Long-term Challenges in Information and Communication Sciences & Technologies ERA-Net (CHIST-ERA) [2012], Bureau UOS Flemish Interuniversity Council (VLIR) [2022], European Research Council (ERC) Advanced Grant [2023]
- *Hong Kong*: Research Grant Council (RGC) [2011]
- *Israel*: Israel Science Foundation [2009, 2016]
- *Italy*: Direzione Innovazione, Ricerca ed Università, Piemonte Region [2008]
- *Korea*: National Research Foundation of Korea [2013]
- *New Zealand*: Auckland University of Technology [2001], Academy of Business Research (Chair, Grants Working Group), College of Business, Massey University [2001, 2002, 2003, 2004, 2005], College of Business, Massey University [2000]
- *Qatar*: Qatar National Research Fund [2011, 2012, 2013, 2014, 2015, 2019, 2020]
- *Singapore*: Nanyang Technological University [2016], Ministry of Education's Tertiary Education Research Fund [2016]
- *Switzerland*: Swiss National Foundation [2018, 2019]
- *Taiwan*: Ministry of Education [2011], National Science and Technology Program for eLearning [2003]
- *The Netherlands*: Council of Physical Sciences of the Netherlands Organization for Scientific Research (NWO) [2003]
- *Turkey*: TUBITAK [2016]
- *United Arab Emirates*: American University of Sharjah [2011]
- *United States*: National Science Foundation (NSF), USA [2000, 2011], Northern Illinois University (Research & Artistry Awards 2012-2013)

### **External Project Reviewer**

- ViCaDiS (Virtual Campus for Digital Students) - EU Life LongLearning Erasmus Virtual Campus Project (2009)
- KOD - Knowledge on Demand (IST No 12503) - European Commission Funded Project (2002)

### **Awards/Honours**

- Chief Guest at the International Conference on Applications in Machine Learning and Data Science 2023 (ICMLDS 2023), November 30, 2023, Guwahati, India. (Online)
- Chief Guest at the launch of EdTech Society (in India), April 27, 2022. (Online)
- “Shangdong 32nd Social Science Award (third rank)” to Lu Hong, Hu Yiping, Gao Jiajia, and Kinshuk on “The effect of computer self-efficacy, training satisfaction and test anxiety on attitude and performance in computerized adaptive testing”. (awarded in September 2018)
- “2017 Shangdong Higher Education Social Science Award (first place)” to Lu Hong, Hu Yiping, Gao Jiajia, and Kinshuk on “The effect of computer self-efficacy, training satisfaction and test anxiety on attitude and performance in computerized adaptive testing”. (awarded in December 2017)
- 2017 Outstanding International Research Collaboration Award, by the Technology, Instruction, Cognition, and Learning SIG of the American Educational Research Association.
- 2016 AECT Distinguished Development Award
- IEEE Computer Society Golden Core Award for long-standing contributions and outstanding service. (awarded in February 2015)
- Distinguished Service Award (awarded in July 2014) by IEEE Computer Society in recognition for over 15 years of dedications in serving IEEE TCLT, ICALT and T4E conferences.
- Special Award by IEEE Technical Committee on Learning Technology in appreciation for the past 14 years of service and contribution to IEEE International Conference on Advanced Learning Technologies. (awarded in July 2014)
- Certificate of Appreciation awarded by IEEE Computer Society in July 2009 for outstanding Service as founder and chair of IEEE Computer Society Technical Committee on Learning Technology (TCLT) during 1999-2007.
- iCORE/Xerox/Markin Industrial Research Chair in Adaptivity and Personalization in Informatics (2008-)
- WBE-2004 Collaborative Organization Award by the IASTED International Conference on Web-Based Education, February 16-18, 2004, Innsbruck, Austria.
- Certificate of Appreciation by IEEE Computer Society for outstanding Service as General Chair for the IEEE International Conference on Advanced Learning Technologies 2002.
- Certificate of Appreciation by IEEE Computer Society for outstanding service as General Chair for the IEEE International Conference on Advanced Learning Technologies 2001.
- Invited expert at the 'Learning Federation' Workshop, National Science Foundation, 28-29 November 2000, Arlington, USA.
- Doctoral Scholarship awarded for PhD research at De Montfort University (1993-1996)
- Overseas Development Administration Scholarship awarded for Masters' studies at Strathclyde University (1992-1993).
- Merit scholarships awarded in classes V, VI, VII, Secondary, Hr. Secondary, I Year, II Year and III Year B.E.

### **Advisory Roles/Consultancies**

02/2023 -	Member of the Learning Technology Advisory Committee's Principles of Good Practice subcommittee, Texas Higher Education Coordinating Board, USA
01/2022 - 06/2023	Member of Board of Directors, US India Chamber of Commerce DFW, USA
12/2019 -	Member of Board of Advisors, Center for Agile & Adaptive Additive Manufacturing (CAAAM), University of North Texas, USA
03/2019 - 08/2022	External examiner, School of Graduate Studies, Asia e University, Kuala Lumpur, Malaysia
03/2019 -	External examiner, School of Science & Technology, Asia e University, Kuala Lumpur, Malaysia

08/2022	
05/2017	Member of Editor-in-Chief search committee for ACM's eLearn magazine
09/2016 – 08/2019	External examiner, School of Information & Communication Technology, Asia e University, Kuala Lumpur, Malaysia
10/2015 – 09/2019	National advisory board member for the Smithsonian initiative, "American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions."
2014-2015	United Nation's initiative on the development of national strategies for smart learning by twenty-two Arab league nations, through International Telecommunications Union and the Arab League Educational, Cultural and Scientific Organization
2011-2015	Alberta-Maharashtra Collaboration, Ministry of Alberta Advance Education and Technology.
March 2011	Panel member, Workshop on Virtual Technical University Setup in India, Indian Institute of Technology Madras, India
2010-2014	Advisory Board Member, International Research Center of Education and Information, Peking University, China
2009-	Advisory Board Member, Laboratory for Knowledge Management & E-Learning, The University of Hong Kong, Hong Kong
12/2009	Reviewer for journal ranking for the Hong Kong Institute of Education, Hong Kong
09/2009	Reviewer for "Information and Communication Technology in Education" area in the Doctor of Education (EdD) Programme at the Hong Kong Institute of Education, Hong Kong
2007-	Advisory Board Member, Graduate School of Technological and Vocational Education, National Taiwan University of Science and Technology, Taiwan
2007	Reviewer for new programs for New Brunswick Ministry of Post-Secondary Education (appointed by Maritime Provinces Higher Education Commission)
2006	Advisory panel member to European Commission on strategy development for next five years funding of about Euro 140 Millions in technology enhanced learning
2004-	Advisory Board Member of the NSF Project 0333069 "Towards Reusable and Shareable Courseware: Topic Maps-based Digital Libraries" (Principle Investigators: Dr. Darina Dicheva, Dr. Christo Dichev)
2004 - 2006	Advisory Group Member, Show & Tell Research Platform, MediaLab South Pacific Inc., Wellington, New Zealand
2003-2006	Senior e-Learning Consultant, Online Learning Systems Ltd, Palmerston North, New Zealand
2003-2006	Monitor of Bachelor of Computing Systems degree at Eastern Institute of Technology, New Zealand
2000-2001	External Reference Group Member for Project <i>A national scheme for peer-reviewing the quality of ICT-based teaching and learning resources</i> (Project leader: Peter Taylor, Griffith University, Australia)
1999-2000	Web-based database for New Zealand history, School of Sociology and Women's Studies, Massey University, Palmerston North, New Zealand
1996-1998	TLTP Byzantium Computer Aided Learning Project, De Montfort University, Leicester, UK

## Teaching Assignments

*Athabasca University, Canada*

<i>Title</i>	<i>Type</i>	<i>Duration</i>
COMP 695 - Research Methods in Information Systems	Graduate course	2007-2016

*University of Joensuu, Finland*

<i>Title</i>	<i>Type</i>	<i>Duration</i>
Adaptive and Intelligent Learning Systems	PhD Coursework	2006

*Massey University, New Zealand*

<i>Course no.</i>	<i>Title</i>	<i>Type</i>	<i>Year</i>
157.730	Web-based Multimedia Systems	Block	2006
157.100	Introduction to Information Systems	Extramural	2006
157.730	Web-based Multimedia Systems	Block	2005
157.356	User Interface Design for Web-Based Systems	Extramural	2005
157.361	Implementation of Web-based Information Systems	Internal	2005
157.100	Introduction to Information Systems	Extramural	2005
157.100	Introduction to Information Systems	Summer (Extramural)	2004
157.730	Web-based Multimedia Systems	Block	2004
157.361	Implementation of Web-based Information Systems	Internal	2004
157.100	Introduction to Information Systems	Extramural	2004
157.356	User Interface Design for Web-Based Systems	Extramural	2003
157.730	Web-based Multimedia Systems	Block	2003
157.100	Introduction to Information Systems	Extramural	2003
157.361	Implementation of Web-based Information Systems	Internal	2003
157.730	Web-based Multimedia Systems	Block	2002
157.361	Online Multimedia and Databases	Internal	2002
157.100	Introduction to Information Systems	Extramural	2002
157.730	Web-based Multimedia Systems	Block	2001
157.361	Online Multimedia and Databases	Internal	2001
157.721	Literature Review & Colloquia	Block	2001
157.100	Introduction to Information Systems	Extramural	2001
157.796	Web-based Multimedia Systems	Block	2000
157.261	Interactive Multimedia and Information Networks	Internal	2000
157.117	Introduction to Information Systems	Extramural	2000
157.241	Information Systems in Organisations	Internal & Extramural	2000
57.261	Interactive Multimedia and Information Networks	Internal	1999
57.117	People and computing	Extramural	1999

***Current Research Supervision***

PhD	2021 -	Amy Cation, University of North Texas [major professor]
PhD	2021 -	Janetta Robins Boone, University of North Texas [major professor]
PhD	2020 -	Chukwuka Iwundu, University of North Texas [committee member]
PhD	2018 -	Improving simulation-based healthcare education through human actors and wearable technology (Wayne Brown)
EdD	2012 -	ICT for improving learning experiences (Derm Madden)

***Past Research Supervision***

Postdoc Fellow	2015 - 2016	Adaptivity and Personalization in Informatics (Kannan Govindarajan)
Postdoc Fellow	2014	Adaptivity and Personalization in Informatics (Lanqin Zheng)
Postdoc Fellow	2012 - 2014	Adaptivity and Personalization in Informatics (Moushir Elbishouty)
Postdoc Fellow	2012 - 2014	Adaptivity and Personalization in Informatics (Ting-Wen Chang)
Postdoc Fellow	2009 - 2011	Adaptivity and Personalization in Informatics (Qingsheng Zhang)

Postdoc Fellow	2009	An Adaptive Mechanism for Enhancing E-Learning (Sabine Graf)
PhD	2018 - 2021	Personalized adaptive teacher education to increase self-efficacy: Toward a framework for teacher education (Atikah Shemshack, University of North Texas)
PhD	2020 - 2021	Exploring Critical Thinking Support for KL-12 Education in the Internet Age (Shanshan Ma, University of North Texas)
PhD	2019 -2021	Teachers' technology adoption in cross-cultural classroom: A transformative perspective (Nanxi Meng, University of North Texas)
PhD	2017 - 2018	Technology to support school curriculum in GCC countries (Karen Lackey)
PhD	2013-2018	Framework for Context-Aware Learning Systems (Richard A. W. Tortorella)
PhD	2012 -2017	Situation Awareness for Ubiquitous Learning Systems (Raoudha Souabni)
PhD	2010 -2017	An Intentional Approach for Adaptive and Guided Construction of Educational Processes in Intelligent Tutoring System (Walid Bayounes)
PhD	2010 - 2017	Providing a Framework for Indigenous Cultural Contextual Mobile Learning (John Loewen)
PhD	2011 - 2016	The Effectiveness of Embodied Interactive Video Lectures on Learning Outcomes (I-Chun Hung)
PhD	2009 - 2014	Contextual Text Summarization for Content Processing in Mobile Learning (VLEs) (Guangbing Yang)
PhD	2012 - 2014	Smart Learning Environments (Junfeng Yang)
PhD	2006 - 2013	Teaching oral business English communication skills in multi-user immersive 3D virtual reality environment: effectiveness and acceptance in Malaysian context (Harmi Izzuan Bin Baharum)
PhD	2006-2013	Supporting Teachers in Unpredictable Robotics Learning Environments (Ilkka Jormanainen)
PhD	2011	Influences on the adoption of mobile technology by students and teachers (Kathryn MacCallum)
PhD	2011	Provision of On-line Government Services Using an Ontological Approach to Semantic Interoperability of Metadata (Jia Zhou)
PhD	2011	The Personalized Personalization of Learning Scenarios (Fathi Essalmi)
PhD	2011	Collaboration in the e-Learning environment: Models to measure effective student participation (Stephen Corich)
PhD	2011	Formalization of social knowledge in the context of formal learning (Flavio Manganello)
PhD	2010	Improving Effectiveness of Dialog in Learning Communities (Jingyu Yang)
PhD	2010	Social presence of synchronous learning environment (Chun-Wang Wei)
PhD	2009	The virtualMe: A Knowledge acquisition framework (Michael Verhaart)
PhD	2009	How do they understand? Practitioner perceptions of an object-oriented program (Errol Thompson)
PhD	2008	Semiotic and linguistic analysis of communicative interaction in on line learning (Chiara Moroni)
PhD	2007	Adaptivity in Learning Management Systems Focussing on Learning

		Styles (Sabine Graf)
PhD	2007	Personality effect in the design of adaptive e-learning systems (Amal Al-Dujaily)
PhD	2007	Cognitive Trait Model for Adaptive Learning Environments (Taiyu Lin)
PhD	2007	A framework for multiplatform e-learning systems (Tiong-Thye Goh)
PhD	2006	Distance education in Maldives (Ali Fawaz Shareef)
PhD	2005	A Formative Development Method for Digital Learning Environments in Sparse Learning Communities (Jarkko Suhonen)

Masters Thesis	2016 - 2018	A Learning Analytic for Music Progress (Joel Burrows)
Masters Thesis	2015 -2019	Using Healthcare Data to Determine an Effective Diagnostic Model for Adult ADHD (Diane Mitchnick)
Masters Thesis	2014 - 2017	A Causal Model of Writing Competence (Clayton Clemens)
Masters Thesis	2014 - 2016	Opinion mining to identify negative student experiences in online learning environments (Steve Harris)
Masters Thesis	2008	Improving the interfaces of online discussion forums to enhance learning support (Lalitha Jonnavithula)
Masters Thesis	2007	Multi-criteria based negotiation for learning content selection (Jian He)
Masters Thesis	2006	Supporting less active users in discussion forums (Oyvind Smestad)
Masters Thesis	2005 -	Digital Rights Management Framework for Learning Objects (Margaret Hill)
Masters Thesis	2004 -	Profile Transformation in Mobile Educational Systems (Jueming Chen)
Masters Thesis	2004	Knowledge Management in Web Communication Technologies (JingYu Ya)
Masters Thesis	2004	Learning object metadata interchange mechanism (Yuejun Zhang)
Masters Thesis	2003	Formalization of Higher level intelligence through integration of intelligent tutoring tools (Jian Xu)
Masters Thesis	2002	Higher level intelligence through horizontal and vertical networking of tutoring applications (Lin Shi)
Masters Thesis	2002	Integrating synchronous with asynchronous: Bringing extramural students to virtual classroom (Ang Yang)
Masters Thesis	2002	Explicit ways to capture expert's tacit knowledge (Lanyi Ye)
Masters Thesis	2002	Cognitive Trait Model for Persistent and Fine-Tuned Student Modelling in Adaptive Virtual Learning Environments (Taiyu Lin)
Masters Thesis	2001	Web-based conference submission system (He Meng)
Masters Thesis	2001	Mobile agents in web-based learning (Hong Hong)
Masters Thesis	2001	Modularized approach to web-based problem solving (Xiaoqin He)
Masters Thesis	2001	Web-based CALL System (William Su)
Masters Thesis	2001	Student modeling and adaptivity in web-based learning systems (Binglan Han)
Masters Thesis	2001	Web-based Search Engine (Xiaohua Gong)

Masters Project	2014 - 2015	Caliper+Hadoop: a Learning Analytics Perspective (Rahim Virani)
Masters Project	2012 - 2014	Adaptivity through Profile Transformation in Ubiquitous Learning Environments (Alex Mottus)

Masters Essay	2014 - 2015	Using learning analytics data from a physical classroom environment to influence metacognition (Wayne Brown)
Masters Essay	2012 -2013	Cognitive modelling of learners through game approach Context (Mark Lessard)



Masters Essay	2012 - 2013	Cognitive modelling of learners through game approach Context (Michael Besney)
Masters Essay	2012	A Methodology for Authoring IMS Learning Design from Authentic Learning Examples in a Mobile Context (Ryan Jesse)
Masters Essay	2009	The Study and Application of IMS Learning Design Specifications in a Mobile, First Nations Context (John Loewen)
Masters Essay	2009	A survey of issues surrounding the implementation of accessible web sites (Jakub "Kuba" Fietkiewicz)
Masters Essay	2008	The Pedagogical Value of Avatars in Distance Education (Brian Fleming)
Masters essays	2007	The Impact of Online Course Design and Delivery on Non Native Speaking Students (Matthew Russell Glenn Thorne)
Masters essays	2006	Business Intelligence (Bi) Application Development from the Operational Data (Amit Jain)

PG Diploma	2005	A knowledge management framework for capturing experts' tacit knowledge (John Jamieson)
PG Diploma	2004	A framework to deliver and manage educational web services (Margaret Hill)
PG Diploma	2004	Selection Criteria for Adaptive Computer-based Assessment Sys (Mohammed Tchankwe)
PG Diploma	2003	Learning through game-based technologies (Lalitha Jonnavithula)
PG Diploma	2003	Mobile technologies in educational services (Jueming Chen)
PG Diploma	2002	Avatars for user feedback (Feng Dai)
PG Diploma	2001	Formalization of Exploration Space Control (Tai-Yu Lin)

Honours thesis	2001	Web-based intelligent tutoring (Ang Yang)
Honours thesis	2001	Authoring domain content in web-based intelligent tutoring (Tai-Yu Lin)
Honours thesis	2000	Use of multimedia as an effective strategy to teach adults with learning difficulties (Vanaja Arakkal)
Honours thesis	2000	Open architecture based intelligent tutoring systems on the Internet (Neena Albi)

## *Research Grants*

### *External Research Funding Received*

<b>Title</b>	<b>Fund/Funding organization</b>	<b>Period</b>	<b>Amount</b>	<b>Role</b>
Minority Cyber-CREWS: Minority Community Cybersecurity Research, Educational Engagement, Workforce Development, and Security Best Practices	Department of Homeland Security	2023-2028	\$999,688	Senior Personnel
Developing a High-Quality Academic Environment for Broadening Participation of Hispanic Students in Computing	National Science Foudation	2022-2025	US\$ 499,608	Co-Principal Investigator

<b>Title</b>	<b>Fund/Funding organization</b>	<b>Period</b>	<b>Amount</b>	<b>Role</b>
The construction of a saltation model of learning within online learning environments	NSERC – Undergraduate Student Research Awards Program and Athabasca University	2016	Cad\$ 10,175	Supervisor
Ubiquitous learning analytics in authentic realworld scenarios	NSERC Discovery Development Grant and Athabasca University	2015-2017	Cad\$ 30,000	Principal Investigator
NSERC Industrial Research Chair	NSERC, three industries and Athabasca University	2015-2020	Cad\$ 2,260,799	Principal Investigator
Mapping Your Future	NSERC – Undergraduate Student Research Awards Program and Athabasca University	2015	Cad\$ 10,175	Supervisor
Characterising the utility of the IMS Caliper Framework for Big Data Learning Analytics	NSERC – Undergraduate Student Research Awards Program and Athabasca University	2014	Cad\$ 10,175	Supervisor
A framework for big data learning analytics	NSERC – Undergraduate Student Research Awards Program and Athabasca University	2013	Cad\$ 9,000	Supervisor
EdTech Innovation Workshop	NSERC – Partnership Workshops Program	2013-2013	Cad\$ 25,000	Principal Investigator
Technology Enhanced Knowledge Research Institute – Personalized and Adaptive Systems – Phase I	Anonymous donor	2012-2013	Cad\$ 100,000	Principal Investigator
Sustainable cognitive modeling of complex training	NSERC – Undergraduate Student Research Awards Program and Athabasca University	2012	Cad\$ 9,000	Supervisor
Personalized Learning Reward and Service Development in Learning Management System	NSERC – Undergraduate Student Research Awards Program and Athabasca University	2011	Cad\$ 9,000	Supervisor
NSERC Industrial Research Chair	NSERC	2010-2015	Cad\$ 760,000	Principal Investigator
Graduate Students' Exchange Program (Vani Kalloo)	Canadian Bureau for International Education	2009-2010	Cad\$ 7,500	Supervisor
Graduate Students' Exchange Program (Radica Tricia Rambharose)	Canadian Bureau for International Education	2009-2010	Cad\$ 10,000	Supervisor
Emerging Leaders in the Americas Program (Juan Felipe Calderon)	Canadian Bureau for International Education	2010	Cad\$ 7,500	Supervisor
Adaptive approaches for mobile learning technologies	National Science and Engineering Research Council, Canada – Discovery Grant	2009-2014	Cad\$ 95,000	Principal Investigator

<b>Title</b>	<b>Fund/Funding organization</b>	<b>Period</b>	<b>Amount</b>	<b>Role</b>
Lyryx Learning – Athabasca University Online Learning Project	Alberta Advanced Education and Technology - Innovation Voucher Pilot Program	2009-2010	Cad\$ 67,000	Co-Principal Investigator
iCORE/Xerox/Markin Industrial Research Chair in Adaptivity and Personalization in Informatics	iCORE, Xerox, Markin Foundation, Athabasca University	2008-2013	Cad\$ 3,121,142	Principal Investigator
Intelligent Learning Extended Organisation	European Commission	2009-2012	Cad\$ 4,100,000	Co-Principal Investigator
Learning Communities Project	Allan Markin Research Funding	2007-2008	Cad\$ 1,329,300	Leader: Mobile Learning Component
SMILE – Supporting vocational education and training through Mobile Learning Environments	European Commission - Leonardo Da Vinci Programme	2005-2006	Euro 530,000	Co-Principal Investigator
e-Learner Profiles: Identifying Trends & Diversity in Student Needs, Orientation & Aspirations	Ministry of Education, New Zealand	2005-2006	NZ\$ 76,334.25	Co-Principal Investigator
Agent based intelligent help environment for New Zealand student community	eLearning Collaborative Development Fund, Tertiary Education Commission, New Zealand	2005-2006	NZ\$ 647,734	Principal Investigator
Enterprise Scholarship (PhD student: Taiyu Lin)	Foundation for Research Science & Technology, New Zealand and Online Learning Systems Ltd	2004-2006	NZ\$ 58,334	PhD Supervisor
Technology Integrated Learning Environment (Objective: Adaptation in the delivery of self-learning modules)	New Economy Research Fund, Foundation for Research Science & Technology, New Zealand	2000-2001	NZ\$ 600,000	Co-Principal Investigator
Research and development of web based learning and distance education resources	Electronic Campus Initiative grant, De Montfort University, United Kingdom	1997-1999	GBP £ 20,000	Team member
Doctoral research in computer assisted learning in business discipline	Higher Education Funding Council (UK) grant, De Montfort University, United Kingdom	1993-1996	GBP £ 34,000	Principle recipient
Master’s research in mechanical computer aided engineering	Overseas Development Administration Shared Scholarship, Association of Commonwealth Universities, United Kingdom	1992-1993	GBP £ 10,000	Principle recipient

### *External Other Funding*

IEEE International Workshop on Advanced Learning Technologies, December 4-6, Massey University, New Zealand	Microsoft Research, USA	Year 2000	US\$10,000	Event Organiser
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### *Internal Research Grants*

<b>Title</b>	<b>Fund/Funding organization</b>	<b>Period</b>	<b>Amount</b>	<b>Role</b>
ALECSO Collaboration with the College of Information	Global Engagement Grant, The University of North Texas	2017-2018	US\$ 1000	Principle Investigator
Exploring the use of mobile health-related technology to improve self-care self-efficacy, perception of social support, health alerts, and health parameter monitoring in older adults living at home in rural and small town Alberta	Academic Research Fund, Athabasca University, Canada	2012-2013	Cad\$ 5987	Co- Principal Investigator
Synchronous interaction infrastructure for providing adaptivity through Cyberschooling framework	AVPR Special Research Opportunities Fund, Athabasca University, Canada	2009-2010	Cad\$ 5500	Principle Investigator
Supporting Cooperation in Remote Tool-based Projects	Mission Critical Research (MCR) Award, Athabasca University, Canada	2009-2010	Cad\$ 5330	Co- Principal Investigator
Travel to ICALT 2009 conference	APD&F, Athabasca University, Canada	July 2009	Cad\$ 1400	Principal Researcher
Learner profile transformation in multi-platform environment	Mission Critical Research Fund, Athabasca University, Canada	2006-2007	CAD\$ 8795.08	Principle Investigator
Research Initiative Grant	Athabasca University, Canada	2006-2009	Cad\$ 45000	Principal Investigator
Advanced Learning Technologies	Massey University, New Zealand	2005-2006	NZ\$ 50,000	Principle Investigator
Advanced Learning Technologies	Massey University, New Zealand	2003-2005	NZ\$ 30,000	Principle Investigator
Implementation, Application and Evaluation of Generic Intelligent Multi-Platform Learning Environment	Massey University, New Zealand	2003-2007	NZ\$ 80,000	Principle Investigator
Adaptivity in Web-based Systems	Academy of Business Research Fund, Massey University, New Zealand	Year 2003	NZ\$ 10000	Team member

<b>Title</b>	<b>Fund/Funding organization</b>	<b>Period</b>	<b>Amount</b>	<b>Role</b>
Metaphor-Enabled User Interfaces	Business Research Fund, Massey University, New Zealand	2002-2003	NZ\$ 2880	Team member
Teacher Model Driven Template Server For On-Line Course Development and Maintenance	Business Research Fund, Massey University, New Zealand	2002-2003	NZ\$ 2000	Principle Investigator
Spreading Processes in Scale-Free Small World Networks	Business Research Fund, Massey University, New Zealand	2002-2003	NZ\$ 2150	Team member
Reusable Web-based Intelligent Tutors	Academy of Business Research Fund, Massey University, New Zealand	2002-2003	NZ\$ 30,000	Principle Investigator
Information Science and Technology Research Centre, Centres of Research Excellence	College of Business	2002-2003	NZ\$ 30,000	Team member
Integrating synchronous with asynchronous: Bringing extramural students to virtual classroom	Fund for Innovation and Excellence in Teaching, Massey University	2001-2002	NZ\$ 17,000	Principle Investigator
Knowledge Management in Web-based Learning	Academy of Business Research Fund, Massey University, New Zealand	2001-2002	NZ\$ 38,000	Principle Investigator
Teacher model in intelligent tutor	Massey University Research Fund, Massey University, New Zealand	2000-2001	NZ\$ 3,800	Principle Investigator
Adaptive Web-based Assessment	Business Research Fund, Massey University, New Zealand	2000-2001	NZ\$ 1,300	Principle Investigator
Measuring Research Performance in Academia Using Visual Interactive Sensitivity Analysis	Cross College Research Fund, Massey University, New Zealand	2000-2001	NZ\$ 1,400	Team member
Engaging the Adult education communications learner: creating a computer mediated Internet based communication simulation game	Fund for Innovation and Excellence in Teaching, Massey University, New Zealand	2000-2001	NZ\$ 7,000	Team member

## ***Professional Responsibilities***

### ***Current Editorial/Organizational Involvements***

- **Co-ordinator:** International Forum of Educational Technology & Society (1998-)
- **Editor:**
  - Smart Learning Environments journal (SpringerOpen) ISSN 2196-7091] (2013-2024) [ESCI, Scopus] [Founding Editor]
  - Educational Technology & Society journal [ISSN 1176-3647 (print) & 1436-4522 (online)] (1998-2016) [SSCI indexed, listed in Web of Science] [Founding Editor]
  - Learning Technology (ISSN 1438-0625) (1999-2006)

- **Series Editor:**
  - Springer's Lecture Notes in Educational Technology (2013-)
  - Springer's Smart Computing and Intelligence (2016-)
- **Associate Editor:**
  - Advanced Technology for Learning (ISSN: 1710-2251) (2004-2005)
  - Journal of IT Education (ISSN 1539-3585) (2002-2005)
- **Guest Editor:**
  - Journal of Universal Computer Science (ISSN 0948-695x) (Special issue on Learning Analytics), 21 (1), 2015.
  - Educational Technology Research & Development (ISSN 1042-1629) (Special issue on Personalized Learning), 60 (4), 2012.
  - Journal of Research on Technology in Education (ISSN 1539-1523) (Special issue on Cognition and learning in the age of digital technologies and social networking), 43 (92), 2010.
  - Educational Technology Research & Development (ISSN 1042-1629) (Special issue on Cognition and Learning Technology), 57 (6), 2009.
  - Technology, Instruction, Cognition and Learning (TICL) (ISSN 1543-0537) (Special issue on Cognition and Exploratory Learning in Digital Age), 6 (4), 2009.
  - International Journal of Engineering Education (ISSN 0949-149X) (Special issue on Instructional Technologies in Engineering Education), 25 (4), 2009
  - IEEE Revista Iberoamericana de Tecnologías del/da Aprendizaje/ Aprendizagem (ISSN 1932-8540) (Special issue based on selected papers from ICALT 2008), 4 (2), 2009.
  - International Journal of Web-based Learning and Teaching Technologies (ISSN 1548-1093) (Special issue on Adaptive and Intelligent Web-Based Educational Systems), 4 (1), 2009.
  - International Journal of Interactive Mobile Technologies (ISSN 1865-7923) (Special issue on Adaptive Approaches to Mobile Learning), 3 (1), 2009.
  - Computers in Human Behavior Journal (ISSN 0747-5632) (Special issue on Cognition and Exploratory Learning in Digital Age), 24 (2), 2008.
  - Journal of Research on Technology in Education (ISSN 1539-1523) (Special issue on Cognition and Exploratory Learning in Digital Age), 40 (1), Fall 2007.
  - Campus Wide Information Systems Journal (ISSN 1065-0741) (Special Issue on Synchronous methods and applications in e-learning), 23 (3), 2006.
  - Innovations in Education and Teaching International (ISSN ISSN 1355-8005) (Special issue on Cognition and Exploratory Learning in Digital Age), 43 (2), 2006.
  - Journal on Advanced Technology for Learning (ISSN: 1710-2251) (Special issue on Designing Learning Activities: From Content-based to Context-based Learning Services), 2 (4), 2005.
  - Computer Science and Information Systems Journal (ISSN 1820-0214) (Special issue on Cognition and Exploratory Learning in Digital Age), 2 (2), 2005.
  - The Learning Organization Journal (ISSN: 0969-6474) (Special issue on Ubiquitous Business Intelligence: The new milestone for (inter)-organizational learning), 12 (5), 2005.
  - International Journal of Continuing Engineering Education and Life-Long Learning (ISSN 0957-4344) (Special issue on Adaptivity in Web and Mobile Learning Services), 14 (4/5), 2004.
  - Journal of Interactive Learning Research (ISSN 1093-023X) (Special issue on Computational Intelligence in Web-based Education), 15 (4), 2004.
  - Interactive Learning Environments (ISSN 1049-4820) (*Special Issue on Cognitive Skills Acquisition in Life-long Learning: part 2*), 11 (1), 2003
  - Interactive Learning Environments (ISSN 1049-4820) (*Special Issue on Cognitive Skills Acquisition in Life-long Learning: part 1*), 10 (2), 2002
  - Interactive Educational Multimedia (ISSN 1576-4990) (*Special Issue on Adaptive Educational Multimedia*), 4, 2002
  - Campus Wide Information Systems (ISSN 1065-0741) (*Special Issue on Multimedia Systems for Lifelong Learning: Success and Challenges: part 2*), 19 (4), 2002
  - Campus Wide Information Systems (ISSN 1065-0741) (*Special Issue on Multimedia Systems for Lifelong Learning: Success and Challenges: part 1*), 18 (5), 2001
  - Campus Wide Information Systems (ISSN 1065-0741) (*Special Issue on Reusability in web-based*

*educational systems: implementation efforts: part 2*), 18 (4), 2001

- Campus Wide Information Systems (ISSN 1065-0741) (*Special Issue on Reusability in web-based educational systems: surrounding issues: part 1*), 18 (3), 2001
- International Journal of Continuing Engineering Education and Life-Long Learning (ISSN 0957-4344) (*Special Issue on Internet Based Learning and Future of Education*), 11 (1/2), 2001
- Educational Technology (ISSN 0013-1962) (*Special Issue on Intelligent Tutoring and Learning Environments*), Sept/Oct 1999

➤ **Editorial Board Member:**

- Eğitim ve Bilim (Education and Science) (ISSN 1300-1337) (2013-) [<http://egitimvebilim.ted.org.tr/>]
- International Journal of Distance Education Technologies (2012-2016)
- International Journal of Online Pedagogy and Course Design (2010-)
- Educational Technology Research and Development (2009-)
- Knowledge Management & E-Learning: An International Journal (KM&EL) (2008-)
- Themes in eLearning (formerly Themes in Science and Technology Education) (2008-)
- International Journal of Interactive Mobile Technologies (ISSN 1865-7923) (2007-2023)
- International Journal for Media in Education (2007-2016)
- FormaMente (2006-2010)
- Asian Journal of Health and Information Sciences (2006-2009)
- Learning Inquiry (ISSN 1558-2973) (2005-2009)
- International Journal of Web Based Communities (ISSN: 1477-8394) (2004-)
- International Journal of Knowledge and Learning (ISSN 1741-1017 online, ISSN 1741-1009 print) (2004-)
- International Journal on Semantic Web & Information Systems (ISSN 1552-6283) (2004-2016)
- International Journal of Computational Intelligence (ISSN 1304-2386) (2004)
- International Journal for Infonomics (ISSN 1742-4720 online, ISSN 1742-4712 print) (2003-2016)
- Asian Journal of Distance Education (ISSN 1347 - 9008) (2003-)
- Journal of Computer Assisted Learning (ISSN 0266-4909) (2002-2022)
- Vesnik ADO ("Bulletin of ADE"), published by Academy of Distance Education, Ukraine (2003-2010)
- IADIS International Journal on WWW/Internet (IJWI) (2003-)
- Journal of Educational Multimedia and Hypermedia (ISSN 1055-8896) (2002-2011)
- Journal of Distance Learning (ISSN 1173-5945) (2001-2010)
- Turkish Online Journal of Distance Education (ISSN 1302-6488) (2000-)
- International Journal of Information and Learning Technology (previously Campus Wide Information Systems) (ISSN 2056-4880) (1999-) [<https://www.emeraldgrouppublishing.com/journal/ijilt>]
- International Journal of Continuing Engineering Education and Life-Long Learning (ISSN 0957-4344) (1999-)
- Interactive Educational Multimedia Journal (ISSN 1576-4990) (2000-2015)
- International Journal of Mobile and Blended Learning (2007-2010)
- Interactive Multimedia Electronic Journal of Computer-Enhanced Learning (ISSN 1525-9102) (1999-2005)
- Compute~Ed journal (1999-2001)
- Journal of Online Education (1998-2000)

➤ **Editorial Advisory Board Member:**

- Educational Stages and Interactive Learning: From Kindergarten to Workplace Training (Ed. Jiyou Jia), IGI Global (2012)
- Information Technology and Constructivism in Higher Education: Progressive Learning Frameworks (Ed. Carla R. Payne), Idea Group Reference (2008)
- Encyclopedia of International Computer-Based Learning, Idea Group Reference (2005)

➤ **Unit Editor:** Sound Instruction: Ready to Use Classroom Practice, Rapid Intellect Publishers (year 2000).

<ul style="list-style-type: none"> <li>➤ <b>Chair:</b> IEEE Technical Committee on Learning Technology (2003-2007)</li> <li>➤ <b>President:</b> Distance Education Association of New Zealand (2005-2006)</li> <li>➤ <b>President:</b> International Association for Smart Learning Environments (2019-2021)</li> <li>➤ <b>Vice President:</b> International Association for Smart Learning Environments (2013-2019)</li> <li>➤ <b>Executive Committee Member:</b> Asia Pacific Society for Computers in Education (2009-2015)</li> <li>➤ <b>Executive Committee Member:</b> Asia-Pacific Chapter of Association for Advancement of Computing in Education (AACE-APC) (2001-2007)</li> <li>➤ <b>Executive Committee Member:</b> Distance Education Association of New Zealand (2000-2006)</li> <li>➤ <b>Publications chair:</b> IEEE Learning Technology Task Force (1999-2006)</li> <li>➤ <b>Vice-Chair:</b> ACM New Zealand Chapter (2001-2006)</li> <li>➤ <b>Vice-Chair:</b> New Zealand Chapter of ACM SIGCHI (2004-2006)</li> <li>➤ <b>Regional Editor:</b> On The Horizon (ISSN 1074-8121) (2002-2003)</li> <li>➤ <b>Chair:</b> New Zealand Chapter of ACM SIGCHI (1999-2004)</li> <li>➤ <b>Chair:</b> IEEE Task Force on Learning Technology (1999-2003)</li> <li>➤ <b>Chair:</b> Information Technology Cluster, Vision Manawatu, Palmerston North (2000-2003)</li> <li>➤ <b>Vice-President:</b> Distance Education Association of New Zealand (2003-2005)</li> <li>➤ <b>Treasurer:</b> Information Technology Cluster, Vision Manawatu, Palmerston North (2000)</li> <li>➤ <b>Chair:</b> Online Educator Development Committee, World Association of Online Education (1998-1999)</li> </ul>
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<p><b>Event Organizer</b></p> <ul style="list-style-type: none"> <li>➤ Third Pan Commonwealth Forum on Open Learning, 4-8 July 2004, Dunedin, New Zealand.</li> <li>➤ IEEE International Workshop on Knowledge Media Networking, July 10-12, 2002, Kyoto, Japan.</li> <li>➤ IEEE International Conference on Advanced Learning Technologies, September 9-12, 2002, Kazan, Russia.</li> <li>➤ International Conference on Computers in Education (ICCE2002), Nov/Dec 2002, Auckland, New Zealand.</li> <li>➤ United Engineering Foundation Conference on E-Technologies in Engineering Education: Learning Outcomes Providing Future Possibilities, August 11-16, 2002, Davos, Switzerland.</li> <li>➤ E-Commerce Seminar, October 25, 2001, Palmerston North, New Zealand.</li> <li>➤ Symposium on Computer-Human Interaction, 6 July 2001, Palmerston North, New Zealand.</li> <li>➤ E-Commerce Seminar, March 14, 2001, Palmerston North, New Zealand.</li> <li>➤ IEEE International Conference on Advanced Learning Technologies, August 6-8, 2001, Madison, USA.</li> <li>➤ Invited Session: International ICSC Congress on Intelligent Systems &amp; Applications (ISA'2000) under Symposium on Interactive &amp; Collaborative Computing (ICC'2000), December 12-15, 2000, University of Wollongong, NSW Australia (Theme: <i>Reusability in web-based educational systems</i>)</li> <li>➤ IEEE International Workshop on Advanced Learning Technologies, December 4-6, 2000, Palmerston North, New Zealand.</li> <li>➤ Symposium on Computer-Human Interaction, 29 June 2000, Palmerston North, New Zealand.</li> <li>➤ Workshop on - Components of Instruction: An Approach to Instructional Design, 19 March 1999, GMD, Sankt Augustin, Germany.</li> </ul>
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<p><b>Conference Chair</b></p> <ul style="list-style-type: none"> <li>➤ 18th IEEE International Conference on Advanced Learning Technologies (ICALT 2018), July 9-13, 2018, Mumbai, India</li> <li>➤ International Conference on Smart Learning Environments (ICSLE 2018), March 18-20, 2018, Beijing, China.</li> <li>➤ 17th IEEE International Conference on Advanced Learning Technologies (ICALT 2017), July 3-7, 2017, Timiosara, Romania.</li> <li>➤ 8th IEEE International Conference on Technology for Education, December 2-5, 2016, Mumbai, India.</li> <li>➤ 16th IEEE International Conference on Advanced Learning Technologies (ICALT 2016), July 25-28, 2016, Austin, Texas, USA.</li> </ul>
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- 7th IEEE International Conference on Technology for Education, December 10-12, 2015, Warangal, India.
- International Conference on Smart Learning Environments (ICSLE 2015), September 23-25, 2015, Sinaia, Romania.
- 15th IEEE International Conference on Advanced Learning Technologies (ICALT 2015), July 6-9, 2015, Hualien, Taiwan.
- International Conference on Smart Learning Environments, July 24-25, 2014, Hong Kong.
- The 13th IEEE International Conference on Advanced Learning Technologies, July 15-18, 2013, Beijing, China.
- IEEE International Conference on Technology for Education (T4E), July 18-20, 2012, Hyderabad, India.
- 7th IEEE International Conference on Wireless, Mobile & Ubiquitous Technologies in Education (WMUTE 2012), March 27-30, 2012, Takamatsu, Kagawa, Japan.
- 4th IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning (DIGITEL 2012), March 27-30, 2012, Takamatsu, Kagawa, Japan.
- The 6th International Conference on E-learning and Games (Edutainment 2011), September 7-9, 2011, Taipei, Taiwan.
- The 11th IEEE International Conference on Advanced Learning Technologies, July 6-8, 2011, Athens, Georgia, USA.
- 3rd IEEE International Conference on Digital Games and Intelligent Toys Based Education (DIGITEL 2010), April 12-16, 2010, Kaohsiung, Taiwan.
- The 9th IEEE International Conference on Advanced Learning Technologies, July 14-18, 2009, Riga, Latvia.
- 2nd IEEE International Conference on Digital Games and Intelligent Toys Based Education (DIGITEL 2008), November 17-19, 2008, Banff, Canada.
- IEEE International Conference on Advanced Learning Technologies (ICALT 2007), July 18-20, 2007, Niigata, Japan.
- The 1st IEEE International Workshop on Digital Game and Intelligent Toy Based Education, March 26-28, 2007, Jhongli, Taiwan.
- IEEE International Workshop on Wireless and Mobile Technologies in Education (WMTE 2005), November 28-30, 2005, Tokushima, Japan.
- The 5th IEEE International Conference on Advanced Learning Technologies (ICALT 2005), July 5-8, 2005, Kaohsiung, Taiwan.
- IEEE International Workshop on Wireless and Mobile Technologies in Education (WMTE 2003), December 8-10, 2003, Taiwan.
- The 3rd IEEE International Conference on Advanced Learning Technologies, July 9-11, 2003, Athens, Greece.
- International Conference on Computers in Education (ICCE2002), Nov/Dec 2002, Auckland, New Zealand.
- The 2nd IEEE International Conference on Advanced Learning Technologies, September 9-12, 2002, Kazan, Russia.
- IEEE International Workshop on Wireless and Mobile Technologies in Education (WMTE 2002), August 29-30, 2002, Växjö, Sweden.
- The 1st IEEE International Conference on Advanced Learning Technologies, August 6-8, 2001, Madison, USA.

***Program Chair***

- International Conference on Smart Learning Environments (ICSLE 2016), September 28-30, 2016, Tunis, Tunisia.
- IEEE International Conference on Technology for Education (T4E), December 18-21, 2014, Kerala, India.
- IEEE International Conference on Advanced Learning Technologies (ICALT 2014), July 7-10, 2014, Athens, Greece.
- The International Conference on Computers in Education (ICCE 2014) - Sub-conference on

	<p>Classroom, Ubiquitous and Mobile Technologies Enhanced Learning (CUMTEL), November 30 - December 4, 2014, Nara, Japan.</p> <ul style="list-style-type: none"> <li>➤ IEEE International Conference on Technology for Education (T4E), December 18-20, 2013, Kharagpur, India.</li> <li>➤ The International Conference on Computers in Education (ICCE 2013) - Sub-conference on Technology, Pedagogy and Education, November 18-22, 2013, Bali, Indonesia.</li> <li>➤ IEEE International Conference on Advanced Learning Technologies (ICALT 2012), July 4-6, 2012, Rome, Italy.</li> <li>➤ IEEE International Conference on Technology for Education (T4E), July 14-16, 2011, Chennai, India.</li> <li>➤ IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2010), 15-17 October 2010, Timisoara, Romania.</li> <li>➤ IEEE International Conference on Advanced Learning Technologies (ICALT 2010), July 5-7, 2010, Sousse, Tunisia.</li> <li>➤ International Conference on Technology for Education (T4E '10), July 1-3, 2010, Mumbai, India.</li> <li>➤ IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2009), 20-22 November 2009, Rome, Italy.</li> <li>➤ Second International Conference on Information and Communication Technology and Accessibility, May 7-9, 2009, Hammamet, Tunisia.</li> <li>➤ The 16th International Conference on Computers in Education (ICCE 2008) - CUMTEL &amp; DIGITEL, 27-31 October 2008, Taipei, Taiwan.</li> <li>➤ IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2008), 13-15 October 2008, Freiburg, Germany.</li> <li>➤ IEEE International Conference on Advanced Learning Technologies (ICALT 2008), July 1-5, 2008, Santander, Cantabria, Spain.</li> <li>➤ IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2007), 7-9 December 2007, Algarve, Portugal.</li> <li>➤ IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2006), 8-10 December 2006 - Barcelona, Spain.</li> <li>➤ International conference on Education and Virtuality, September 19-23, 2006, Yalta, Crimea, Ukraine.</li> <li>➤ IEEE International Conference on Advanced Learning Technologies (ICALT 2006), July 5-8, 2006, Kerkrade, The Netherlands.</li> <li>➤ The 2006 International Conference on SCORM (SCORM'2006), January 17 - 19, 2006, Taipei, Taiwan.</li> <li>➤ IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2005), 14-16 December 2005 - Porto, Portugal.</li> <li>➤ 5<sup>th</sup> WSEAS International Conference on Distance Learning and Web Engineering (DIWEB '05), August 23-25, 2005, Corfu Island, Greece.</li> <li>➤ IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2004), 15-17 December 2004 - Lisbon, Portugal.</li> <li>➤ The 4<sup>th</sup> IEEE International Conference on Advanced Learning Technologies, August 30 - September 1, 2004, Joensuu, Finland.</li> <li>➤ International Conference on Computers in Education (ICCE2002), Nov/Dec 2002, Auckland, New Zealand.</li> <li>➤ IEEE International Workshop on Advanced Learning Technologies, December 4-6, 2000, Palmerston North, New Zealand.</li> </ul>
	<p><b>International Co-Chair</b></p> <ul style="list-style-type: none"> <li>➤ 2<sup>nd</sup> International Conference on Intelligent Networking and Collaborative Systems (INCoS 2010), 24-26 November 2010, Thessaloniki, Greece.</li> </ul>
	<p><b>Tutorial/Workshop Chair</b></p> <ul style="list-style-type: none"> <li>➤ International Workshop on Smart Learning Environments, at the 9th International Conference on Signal Image Technology &amp; Internet Based Systems 2013, December 2-5, 2013, Kyoto, Japan.</li> <li>➤ Workshop on Scaling up Collaborative Innovation for ICT in Education, at the International</li> </ul>

	<p>Conference on Computers in Education (ICCE 2013), November 18-22, 2013, Bali, Indonesia.</p> <ul style="list-style-type: none"> <li>➤ International Workshop on Semantic Learning Technologies, in conjunction with the 5<sup>th</sup> IEEE International Conference on Semantic Computing, September 18-21, 2011, Palo Alto, CA, USA.</li> <li>➤ 7th IEEE International Workshop on Pervasive Learning, Life, and Leisure (PerEL 2011), in conjunction with the 9th Annual IEEE International Conference on Pervasive Computing and Communications (PerCom), March 21-25, 2011, Seattle, WA, USA.</li> <li>➤ International Workshop on Enabling User Experience with future Interactive Learning Systems, in conjunction with USAB 2010: HCI in Work &amp; Learning, Life &amp; Leisure, 4-5 November 2010, Klagenfurt, Austria.</li> <li>➤ Workshop on Mobile/Ubiquitous Learning Technologies, Strategies and Applications, in conjunction with the Asia-Pacific Conference on Technology Enhanced Learning 2010 (APTEL 2010), September 24-26, 2010, Osaka, Japan.</li> <li>➤ International Workshop on Technology for Education (T4E '09), August 4-6, 2009, Bangalore, India.</li> <li>➤ Workshop on Personalization in Mobile and Pervasive Computing, in conjunction with the First and Seventeenth International Conference on User Modeling, Adaptation, and Personalization (UMAP'09), 22-26 June 2009, Trento, Italy.</li> <li>➤ International Workshop on Cognitive Aspects in Intelligent and Adaptive Web-based Educational Systems, in conjunction with the 16th International Conference on Computers in Education (ICCE 2008), October 28, 2008, Taipei, Taiwan.</li> <li>➤ Workshop on Ubiquitous Learning Models for K-12, Higher Education, and Adult Education, in conjunction with the 16th International Conference on Computers in Education (ICCE 2008), October 28, 2008, Taipei, Taiwan.</li> <li>➤ IEEE International Workshop on Mobile, Ubiquitous and Classroom Technology Enhanced Learning (MUCTEL2008), June 11-13, 2008, Taichung, Taiwan.</li> <li>➤ IEEE International Workshop on Web 2.0 and Multimedia-enabled Education (W2ME), in conjunction with The IEEE International Symposium on Multimedia (ISM2007), December 10-12, 2007, Taichung, Taiwan.</li> <li>➤ Workshop on Context Aware Ubiquitous Learning, in conjunction with The IEEE International Conference on Sensor Networks, Ubiquitous, and Trustworthy Computing (SUTC2006), June 5-7, 2006, Taichung, Taiwan.</li> <li>➤ IEEE 1st International Workshop on Technology for Education in Developing Countries (TEDC), In Conjunction with IEEE International Conference on Information Technology: Research and Education (ITRE 2003), August 12, 2003, Newark, New Jersey, USA.</li> <li>➤ International Conference on Computers in Education, November 12-15, 2001, Seoul, Korea.</li> </ul>
	<p><b><i>Doctoral Student Consortium Chair</i></b></p>
	<ul style="list-style-type: none"> <li>➤ International Conference on Computers in Education 2005, November 28 - December 2, 2005, Singapore.</li> <li>➤ International Conference on Computers in Education 2003, December 2-5, 2003, Hong Kong.</li> </ul>
	<p><b><i>Steering Committee Chair</i></b></p>
	<ul style="list-style-type: none"> <li>➤ IEEE International Workshop on Wireless and Mobile Technologies in Education (WMTE 2002), August 29-30, 2002, Växjö, Sweden.</li> <li>➤ IEEE International Workshop on Knowledge Media Networking, July 10-12, 2002, Kyoto, Japan.</li> <li>➤ The 2<sup>nd</sup> IEEE International Conference on Advanced Learning Technologies, September 9-12, 2002, Kazan, Russia.</li> <li>➤ The 1<sup>st</sup> IEEE International Conference on Advanced Learning Technologies, August 6-8, 2001, Madison, USA.</li> </ul>

## Media presence

- Interview by Ms. Kavya and Ms. Chanchal - "Adaptive and Personalized Learning: The future education". Learning Curve@CUHdlis - Half Yearly Newsletter of Department of Library and Information Science, Central University of Haryana, India (June 2022), 1 (1), 4-12.
- Kinshuk (2018). Personalized and Adaptive Learning - An interview with Dr. Kinshuk regarding the research of personalized and adaptive learning theory. *Educational Communications and Technology*, 2018 (2), 7-10. (translated and published in Chinese)
- Profile by Debra Lee, New Learning Times, March 26, 2018: <https://newlearningtimes.com/cms/article/5140/kinshuk>
- Q & A with Dean Kinshuk, Texas Library Journal, Fall 2017, 84-85, <https://issuu.com/txlibraryassociation/docs/tlj-fall-2017>.
- Interview by Fredrick W. Baker III - "Conversation with Innovators in Learning and Technology: Kinshuk", *TechTrends* (2017), 61, 512-514.
- Interview in the In-Sight journal
  - Part 1: May 8, 2016: <https://in-sightjournal.com/2016/05/08/prof-dr-kinshuk-professor-school-of-computing-and-information-systems-athabasca-university-associate-dean-faculty-of-science-and-technology-athabasca-university-nserc-industrial-research-chair-adaptiv/>
  - Part 2: May 15, 2016: <https://in-sightjournal.com/2016/05/15/prof-dr-kinshuk-professor-school-of-computing-and-information-systems-athabasca-university-associate-dean-faculty-of-science-and-technology-athabasca-university-nserc-industrial-research-chai/>
- Interview with the Voice Magazine (by Marie Well), "Meeting the Minds", 23 (30)
  - Part 1: <http://www.voicemagazine.org/articles/featuredisplay.php?ART=10618>
  - Part 2: <http://www.voicemagazine.org/articles/featuredisplay.php?ART=10648>
  - Part 3: <http://www.voicemagazine.org/articles/featuredisplay.php?ART=10684>
- Interview by Junfeng Yang, Chaohua Gong and Hongbin Yu - The development trends and research focus of smart learning environments. *E-education research*, 5, 2015, 85-88,95 [In Chinese: 杨俊锋, 龚朝花, 余慧菊, Kinshuk. 智慧学习环境研究热点和发展趋势. 电化教育研究, 2015 (5): 85-88+95]
- Interview by Wei Xuefeng, Zhang Yonghe and Wei Zhihui - Transition from E-learning to U-learning, *Open Education Research*, 18 (2), April 2012, 4-8 (ISSN 1007-2179).
- Interview by Jia Jiyou and Ma Xiaoqiang - Research frontier of adaptive and personalized learning system, *China Educational Technology*, 281, June 2010, 1-5 (ISSN 1006-9860).
- Predictions for 2005, Column, *E-Learn Magazine* (Ed. Lisa Neal), [http://www.elearnmag.org/subpage/sub\\_page.cfm?article\\_pk=13262&page\\_number\\_nb=1&title=COLUMN](http://www.elearnmag.org/subpage/sub_page.cfm?article_pk=13262&page_number_nb=1&title=COLUMN)
- Joensuu Region magazine, Issue 2, 2004 - "Praise heaped upon conference organization".
- Karjalainen (Finnish Newspaper), 31 August 2004 - "Tieto ei iskostu päähän kaatamalla".
- Predictions for 2004, Column, *E-Learn Magazine* (Ed. Lisa Neal), [http://www.elearnmag.org/subpage/sub\\_page.cfm?article\\_pk=11001&page\\_number\\_nb=1&title=COLUMN](http://www.elearnmag.org/subpage/sub_page.cfm?article_pk=11001&page_number_nb=1&title=COLUMN)
- Massey News, Issue 10, 18 June 2001 - "Computers in education conference".
- Massey News, Issue 21, November 20, 2000 - "World-wide technology challenges".
- Manawatu Evening Standard, November 11, 2000 - "Worldwide interest in Massey-hosted workshop".
- Massey News, Issue 12, July 17, 2000 - "Computer-Human Interaction Symposium a success".
- Massey News, Issue 6, April 10, 2000 - "International talent for Symposium".
- NZ InfoTech Weekly, Issue 433, Monday March 20, 2000 - "Computer, human interaction to be studied".
- Massey News, Issue 2, February 14, 2000 - "Human Computer Interaction group set up".
- Massey News, Issue 37, November 8, 1999 - "Dr Kinshuk appointed chairman of learning technology taskforce".

## Professional Memberships

### Current

- Senior Member of Institute of Electrical and Electronics Engineers (IEEE) (including IEEE Computer Society) (2004-).

- *Senior Member* of Association for Computing Machinery (ACM) (including ACM SIGCHI) (1999-).
- *Chartered Engineer* of Institution of Engineers, India - *IE(I)* (1997-).
- *Member* of Institution of Engineers, India - *IE(I)* (2003-).
- *Member* of Association for Educational Communications and Technology (AECT) (2003-Present)

#### *Past*

- *Member* of International Artificial Intelligence in Education Society (*IAIED*) (1998-2015).
- *Member* of Association for Information Systems (*AIS*) (2004-2014).
- *Member* of Association for Advancement of Computing in Education (*AACE*) (1998-2014).
- *Member* of Distance Education Association of New Zealand (*DEANZ*) (2000-2006).
- *Member* of American Society of Mechanical Engineers (*ASME*) (1993-1999).
- *Member* of The Institute of Electrical and Electronics Engineers (*IEEE*) (including IEEE Computer Society) (1997-2003).
- *Associate Member* of Institution of Engineers, India - *IE(I)* (1993-2002).
- *Associate Member* of Institution of Mechanical Engineers (*IMechE*) (1992-1997).
- *Member* of Royal Society of New Zealand Manawatu Branch (2000-2003).

#### **Professional Training**

October 11-13, 2017	<i>CASE Conference &amp; Training: Development for Deans and Academic Leaders, Scottsdale, Arizona, United States</i>
June 8-15, 2007	<i>2007 Senior University Administrators Course (SUAC), run by The Centre for Higher Education Research and Development (CHERD), University of Manitoba, Canada</i>
November 27, 2006	<i>Freedom of Information and Protection of Privacy (FOIP) training seminar, Athabasca University</i>
November 22-25, 2006	<i>New &amp; Ongoing Challenges for Academic Leaders: A Workshop for Department Chairs/Heads, run by The Centre for Higher Education Research and Development (CHERD), University of Manitoba, Canada</i>
October 26, 2006	<i>Budget preparation at Athabasca University</i>
March-April 2000	<i>English Language Support Programme on 'Pronunciation', Massey University, New Zealand (total 6 hours)</i>
June-September 1999	<i>Teaching Skills Development Programme (30 hours), Massey University, Palmerston North, New Zealand</i>
January-March 1994	<i>Research Methods Training Programme (10 weeks), De Montfort University, Leicester, England</i>
May-June 1990	<i>Professional training, Kelvinator of India Ltd., Automotive Division, Alwar, India</i>
September-November 1989	<i>Professional training, Tata Iron &amp; Steel Co. Ltd., Bearing Division, Kharagpur, India</i>

# Kinshuk's Publications

## Authored Books

2016

1. Kinshuk (2016). *Designing Adaptive and Personalized Learning Environments*, New York: Routledge (ISBN 978-1-138-01306-3).

## Edited Books

2023

1. Anutariya, C.; Liu, D.; Kinshuk; Tlili, A.; Yang, J.; Chang, M. (2023). *Smart Learning for A Sustainable Society*, Singapore: Springer (ISBN 978-981-99-5960-0).

2022

2. Yang, J.; Liu, D.; Kinshuk; Tlili, A.; Chang, M.; Popescu, E.; Burgos, D.; Altinay, Z. (2022). *Resilience and Future of Smart Learning*, Singapore: Springer (ISBN 978-981-19-5966-0).

2021

3. Wen, Y.; Wu, Y.-J.; Qi, G.; Guo, S.-C.; Spector, J. M.; Chelliah, S.; Kinshuk; Lan, Y.-J. (2021). *Expanding Global Horizons Through Technology Enhanced Language Learning*, Singapore: Springer (ISBN 978-981-15-7578-5).

2019

4. Chang, M.; Popescu, E.; Kinshuk; Chen, N.-S.; Jemni, M.; Huang, R.; Spector, J. M.; Sampson, D. G. (2019). *Foundations and Trends in Smart Learning*, Singapore: Springer (ISBN 978-981-10-8743-1).

2018

5. Chang, M.; Chen, N.-S.; Huang, R.; Kinshuk; Moudgalya, K.; Murthy, S.; Sampson, D. G. (2018). *Proceedings of the IEEE 18th International Conference on Advanced Learning Technologies* (July 9-13, 2018, Mumbai, India), Los Alamitos: IEEE Computer Society Press (ISBN 978-1-5386-6049-2).
6. Chang, M.; Popescu, E.; Kinshuk; Chen, N.-S.; Jemni, M.; Huang, R.; Spector, J. M. (2018). *Challenges and Solutions in Smart Learning*, Heidelberg: Springer (ISBN 978-981-10-8743-1).
7. Chang, T.-W.; Huang, R.; Kinshuk (2018). *Authentic Learning Through Advances in Technologies*, Heidelberg: Springer (ISBN 978-981-10-5929-2).

2017

8. Chang, M.; Chen, N.-S.; Huang, R.; Kinshuk; Sampson, D. G.; Vasiliu, R. (2017). *Proceedings of the IEEE 17th International Conference on Advanced Learning Technologies* (July 3-7, 2017, Timisoara, Romania), Los Alamitos: IEEE Computer Society Press (ISBN 978-1-5386-3870-5).
9. Jemni, M.; Kinshuk; Khribi, M. K. (2017). *Open Education: from OERs to MOOCs*, Heidelberg: Springer (ISBN 978-3-662-52923-2).

2016

10. Popescu, E.; Kinshuk; Khribi, M. K.; Huang, R.; Jemni, M.; Chen, N.-S.; Sampson, D. G. (2016). *Innovations in Smart Learning*, Heidelberg: Springer (ISBN 978-981-10-2419-1).
11. Spector, J. M.; Tsai, C.-C.; Sampson, D. G.; Kinshuk; Huang, R.; Chen, N.-S.; Resta, P. (2016). *Proceedings of the IEEE 16th International Conference on Advanced Learning Technologies* (July 25-28, 2016, Austin, Texas, United States), Los Alamitos: IEEE Computer Society Press (ISBN 978-1-4673-9041-5).
12. Huang, R.; Kinshuk; Price, J. K. (2016). *ICT in Education in Global Context: Comparative Reports of Innovations in K-12 Education*, Heidelberg: Springer (ISBN 978-3-662-47955-1).
13. Gros B.; Kinshuk; Maina, M. (2016). *The Future of Ubiquitous Learning – Learning Designs for Emerging Pedagogies*, Heidelberg: Springer (ISBN 978-3-662-47723-6).

2015

14. Li, Y.; Chang, M.; Kravcik, M.; Popescu, E.; Huang, R.; Kinshuk; Chen, N.-S. (2015). *State-of-the-Art and Future Directions of Smart Learning*, Heidelberg: Springer (ISBN 978-981-287-866-3).
15. Sampson, D. G.; Huang, R.; Hwang, G.-J.; Liu, T.-C.; Chen, N.-S.; Kinshuk; Tsai, C.-C. (2014). *Proceedings of the 2015 IEEE 15th International Conference on Advanced Learning Technologies* (July 6-9, 2015, Hualien, Taiwan), Los Alamitos: IEEE Computer Society Press (ISBN 978-1-4673-7333-3).
16. Kinshuk; Huang, R. (Eds.) (2015). *Ubiquitous Learning Environments and Technologies*, Heidelberg: Springer (ISBN 978-3-662-44658-4).

17.Chen, G.; Kumar, V.; Kinshuk; Huang, R.; Kong, S.C. (Eds.) (2015). *Emerging Issues in Smart Learning*, Heidelberg: Springer (ISBN 978-3-662-44187-9).

#### 2014

18.Huang, R.; Kinshuk; Price, J. K. (2014). *ICT in Education in Global Context: Emerging Trends Report 2013-2014*. Heidelberg: Springer (ISBN 978-3-662-43926-5)

19.Huang, R.; Kinshuk; Chen, N.-S. (2014). *The New Development of Technology Enhanced Learning - Concept, Research and Best Practices*. Heidelberg: Springer (ISBN 978-3-642-38290-1)

20.Sampson, D. G.; Spector, J. M.; Chen, N.-S.; Huang, R.; Kinshuk (2014). *Proceedings of the 14th IEEE International Conference on Advanced Learning Technologies* (July 7-9, 2014, Athens, Greece), Los Alamitos: IEEE Computer Society Press (ISBN 978-1-4799-4038-7).

#### 2013

21.Iyer, S., & Kinshuk (2013). *Proceedings of the IEEE Fifth International Conference on Technology for Education* (December 18-20, 2013, Kharagpur, India), Los Alamitos: IEEE Computer Society Press (ISBN 978-0-7695-5141-8).

22.Chen, N.-S.; Huang, R.; Kinshuk; Li, Y.; Sampson, D. G. (2013). *Proceedings of the 13th IEEE International Conference on Advanced Learning Technologies* (July 15-18, 2013, Beijing, China), Los Alamitos: IEEE Computer Society Press (ISBN 978-0-7695-5009-1).

23.Huang, R., Kinshuk, & Spector, J. M. (Eds.) (2013). *Reshaping Learning - Frontiers of Learning Technology in a Global Context*. Heidelberg: Springer (ISBN 978-3-642-32300-3).

#### 2012

24.Aedo, I., Bottino, R. M., Chen, N.-S., Giovannella, C., Kinshuk, & Sampson, D. G. (Eds.) (2012). *Proceedings of the 12<sup>th</sup> IEEE International Conference on Advanced Learning Technologies* (July 4-6, 2012, Rome, Italy), Los Alamitos: IEEE Computer Society Press (ISBN 978-0-7695-4702-2).

25.Isaias, P., Ifenthaler, D., Kinshuk, Sampson, D. G., Spector, J. M. (Eds.) (2012). *Towards Learning and Instruction in Web 3.0: Advances in Cognitive and Educational Psychology*, New York: Springer (ISBN 978-1-4614-1538-1).

26.Graf, S. Lin, F., Kinshuk, & McGreal, R. (2012). *Intelligent and Adaptive Learning Systems: Technology Enhanced Support for Learners and Teachers*, Hershey, PA, USA: Information Science Reference (ISBN: 978-1-60960-842-2).

#### 2011

27.Aedo, I., Chen, N.-S., Sampson, D., Spector, J. M., & Kinshuk (Eds.) (2011). *Proceedings of the 11<sup>th</sup> IEEE International Conference on Advanced Learning Technologies* (July 6-8, 2011, Athens, GA, USA), Los Alamitos: IEEE Computer Society Press (ISBN 978-0-7695-4346-8).

28.Ifenthaler, D., Isaias, P., Spector, J. M., Kinshuk, & Sampson, D. G. (Eds.) (2011). *Multiple Perspectives on Problem Solving and Learning in the Digital Age*, New York: Springer (ISBN 978-1-4419-7611-6).

#### 2010

29.Ogata, H., Liu, C.-C., Kinshuk, Biswas, G., Chee, Y.-S., Wong, S.-L., & Yu, F.-Y. (Eds.) (2010). *Doctoral Student Consortium Proceedings of the 18th International Conference on Computers in Education 2010* (November 29 - December 3, 2010, Putrajaya, Malaysia), Selangor, Malaysia: Universiti Putra Malaysia (ISBN 978-983-42512-3-9).

30.Kinshuk, D. G. Sampson, J. M. Spector, P. Isaias, D. Ifenthaler, & Vasiiu, R. (Eds.) (2010). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2010)*, Lisbon, Portugal: IADIS Press (ISBN 978-972-8939-28-1).

31.Jemni, M., Kinshuk, Sampson, D., & Spector, J. M. (Eds.) (2010). *Proceedings of the 10<sup>th</sup> IEEE International Conference on Advanced Learning Technologies* (July 5-7, 2010, Susse, Tunisia), Los Alamitos: IEEE Computer Society Press (ISBN 978-0-7695-4055-9).

32.Murthy, S., & Kinshuk (Eds.) (2010). *Proceedings of the 2010 International Conference on Technology for Education*, Piscataway, NJ: IEEE (ISBN 978-1-4244-7360-1).

33.Spector, J. M., Ifenthaler, D., Isaias, P., Kinshuk, & Sampson, D. G. (Eds.) (2010). *Learning and Instruction in the Digital Age*, New York: Springer (ISBN 978-1-4419-1550-4).

#### 2009

34.Kinshuk, D. G. Sampson, J. M. Spector, P. Isaias, & D. Ifenthaler (Eds.) (2009). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2009)*, Lisbon, Portugal: IADIS Press (ISBN 978-972-8924-95-9).

35. Chang, M., Kuo, R., Kinshuk, Chen, G.-D., & Hirose, M. (Eds.) (2009). Learning by Playing - Game-based Education System Design and Development, Proceedings of 4th International Conference on E-learning, *Lecture Notes in Computer Science*, 5670, Berlin: Springer (ISBN 978-3-642-03363-6).
36. Aedo I., Chen N.-S., Kinshuk, Sampson D. & Zaitseva L. (Eds.) (2009). *Proceedings of the 9th IEEE International Conference on Advanced learning Technologies*, Los Alamitos, CA: IEEE Computer Society (ISBN 978-0-7695-3711-5).
37. Cheng, D., Kinshuk, Kobsa, A., Partridge, K., & Yu, Z. (Eds.) (2009). *Proceedings of the Workshop on Personalization in Mobile and Pervasive Computing* (June 22, 2009, Trento, Italy). CEUR Workshop Proceedings (Vol. 478), <http://ceur-ws.org/Vol-478/>.
- 2008**
38. Kinshuk, D. G. Sampson, J. M. Spector, P. Isaias, & D. Ifenthaler (Eds.) (2008). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2008)*, Lisbon, Portugal: IADIS Press (ISBN 978-972-8924-69-0).
39. Eisenberg M., Kinshuk, Chang M. & McGreal R. (Eds.) (2008). *Proceedings of the Second IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning*, Los Alamitos, CA: IEEE Computer Society (ISBN 978-0-7695-3409-1).
40. Adelsberger, H. H., Kinshuk, Pawlowski, J. M., & Sampson, D. (2008). *Handbook on Information Technologies for Education and Training* (2<sup>nd</sup> Ed.), Heidelberg: Springer (ISBN 978-3-540-74154-1).
41. Díaz P., Kinshuk, Aedo I., & Mora E. (Eds.) (2008). *Proceedings of the 8th IEEE International Conference on Advanced learning Technologies*, Los Alamitos, CA: IEEE Computer Society (ISBN 978-0-7695-3167-0).
42. T.-W. Chan, G. Biswas, F.-C. Chen, S. Chen, C. Chou, M. Jacobson, Kinshuk, F. Klett, C.-K. Looi, T. Mitrovic, R. Mizoguchi, K. Nakabayashi, P. Reimann, D. Suthers, S. Yang & J.-C. Yang (2008). *Proceedings of the 16th International Conference on Computers in Education* (October 27-31, 2008, Taipei, Taiwan), Taiwan: APSCE.
- 2007**
43. Kinshuk, D. G. Sampson, J. M. Spector, & P. Isaias (Eds.) (2007). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2007)*, Lisbon, Portugal: IADIS Press (ISBN 978-972-8924-48-5).
44. Spector J. M., Sampson D. G., Okamoto T., Kinshuk, Cerri S. A., Ueno M. & Kashihara A. (Eds.) (2007). *Proceedings of the 7th IEEE International Conference on Advanced learning Technologies*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-2916-X).
45. Chan T.-W., Paiva A., Shaffer, D. W., Kinshuk & Yang J.-C. (Eds.) (2007). *Proceedings of the First IEEE International Workshop on Digital Game and Intelligent Toy Enhanced Learning*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-2801-5).
- 2006**
46. V. Grebenyuk, Kinshuk, V. Semenets (2006). *Proceedings of the Education and Virtuality 2006 - 10th International Conference for distance education in virtual environments*, Kharkov-Yalta: Ukrainian Association for Distant Education.
47. Kinshuk, D. G. Sampson, J. M. Spector, & P. Isaias (Eds.) (2006). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2006)*, Lisbon, Portugal: IADIS Press (ISBN 972-8924-22-4).
48. Hsi S., Kinshuk, Chan T.-W. & Sampson D. (Eds.) (2006). *Proceedings of the 4th IEEE International Workshop on Mobile and Wireless Technologies in Education*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-2723-X).
49. Lund H. H., Sutinen E., Duveskog M., Kinshuk & Mkocho A. N. E. (Eds.) (2006). *Proceedings of 4th IEEE International Workshop on Technology for Education in Developing Countries*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-2633-0).
50. Kinshuk, Koper, R., Kommers, P., Kirschner, P., Sampson, D. G. & Didderen W. (Eds.) (2006). *Proceedings of the 6th IEEE International Conference on Advanced learning Technologies 2006*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-2632-2).
- 2005**
51. Kinshuk, Sampson D. G., & Isaias P. (2005). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2005)*, Lisbon, Portugal: IADIS Press (ISBN 972-8924-05-4).



52. Ogata H., Sharples M., Kinshuk & Yano Y. (Eds.) (2005). *Proceedings of the 3<sup>rd</sup> IEEE International Workshop on Mobile and Wireless Technologies in Education*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-2385-4).
53. Goodyear P., Sampson D. G., Yang D. J.-T., Kinshuk, Okamoto T., Hartley R. & Chen N.-S. (Eds.) (2005). *Proceedings of the 5<sup>th</sup> IEEE International Conference on Advanced learning Technologies 2005*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-2338-2).
54. Sampson, D., Kinshuk, Vasquez de Velasco, G., Tan, S. C., & Fomichov, V. A. (Eds.) (2005). *Proceedings of the 5<sup>th</sup> WSEAS International Conference on Distance Learning and Web Engineering*, Wisconsin, USA: WSEAS.
- 2004**
55. Kinshuk, Sampson D. G., & Isaias P. (2004). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2004)*, Lisbon, Portugal: IADIS Press (ISBN 972-98947-7-9).
56. Bussler, C., Hong, S.-k., Jun, W., Kaschek, R., Kinshuk, Krishnaswamy, S., Loke, S. W., Oberle, D., Richards, D., Sharma, A., Sure, Y., & Thalheim, B. (Eds.) (2004). *Lecture Notes in Computer Science, 3307*, Berlin-Heidelberg: Springer (ISBN 3-540-23892-1).
57. Kinshuk, Looi C.-K., Sutinen E., Sampson D., Aedo I., Uden L. & Kähkönen E. (Eds.) (2004). *Proceedings of the 4<sup>th</sup> IEEE International Conference on Advanced learning Technologies 2004*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-2181-9).
58. Roschelle J., Chan T.-W., Kinshuk & Yang S. J. H. (Eds.) (2004). *Proceedings of the 2<sup>nd</sup> IEEE International Workshop on Mobile and Wireless Technologies in Education*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-1989-X).
59. Hartmann S., Kaschek R., Kinshuk, Schewe K.-D., Turull Torres J. M., & Whiddett R. (Eds.) (2003). *PhD Workshop 2004*, Technical Report 9/2004, Palmerston North, New Zealand: Department of Information Systems, Massey University.
- 2003**
60. Kinshuk, Chan T.-W., Law N. and Yang J.-C. (Eds.) (2003). *Proceedings of the Doctoral Student Consortium in conjunction with the International Conference on Computers in Education (ICCE2003)*, Palmerston North, New Zealand: Massey University (ISBN 0-476-00066-1).
61. McPherson M., Henderson L. & Kinshuk (Eds.) (2003). *Critical Success Factors in Implementing eLearning*, Palmerston North, New Zealand: Massey University (ISBN 0-473-09631-5).
62. Devedzic V., Spector J. M., Sampson D. G., & Kinshuk (Eds.) (2003). *Proceedings of the 3<sup>rd</sup> IEEE International Conference on Advanced learning Technologies 2003*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-1967-9).
63. Kaschek R., Kinshuk, Schewe K.-D., & Turull Torres J. M. (Eds.) (2003). *PhD Workshop - Communications*, Technical Report 6/2003, Palmerston North, New Zealand: Department of Information Systems, Massey University.
- 2002**
64. Kinshuk, Lewis R., Akahori K., Kemp R., Okamoto T., Henderson L., & Lee C.-H. (Eds.) (2002). *Proceedings of the International Conference on Computers in Education*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-1509-6).
65. Kinshuk, Lewis R., Akahori K., Kemp R., Okamoto T., Henderson L., & Lee C.-H. (Eds.) (2002). *Supplementary Proceedings of the International Conference on Computers in Education*, Palmerston North, New Zealand: Massey University (ISBN 0-473-09099-6).
66. Petrushin V., Kommers P., Kinshuk, & Galeev I. (Eds.) (2002). *Proceedings of the IEEE International Conference on Advanced learning Technologies 2002*, Palmerston North, NZ: IEEE Learning Technology Task Force (ISBN 0-473-08801-0).
67. Milrad M., Hoppe U., & Kinshuk (Eds.) (2002). *Proceedings of the IEEE International Workshop on Mobile and Wireless Technologies in Education*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-1706-4).
- 2001**
68. Okamoto T., Hartley R., Kinshuk, & Klus J. (Eds.) (2001). *Advanced Learning Technology: Issues, Achievements and Challenges*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-1013-2).
69. Kemp E., Phillips C., Kinshuk, & Haynes J. (Eds.) (2001). *Proceedings of the Symposium on Computer-Human Interaction 2001*, Palmerston North, New Zealand: New Zealand Chapter of ACM SIG on Computer-Human Interaction (ISBN 0-473-07559-8).

2000

70. Kinshuk, Jesshope C., & Okamoto T. (Eds.) (2000). *Advanced Learning Technology: Design and Development Issues*, Los Alamitos, CA: IEEE Computer Society (ISBN 0-7695-0653-4).

## Refereed Journal Publications

2024

1. Tlili, A.; Salha, S.; Garzón, J.; Denden, M.; Kinshuk; Affouneh, S.; Burgos, D. (2024). Which pedagogical approaches are more effective in mobile learning? A meta-analysis and research synthesis. *Journal of Computer Assisted Learning*, <https://doi.org/10.1111/jcal.12950> [2022 Clarivate Analytics Impact factor 5]
2. Tlili, A.; Adarkwah, M. A.; Salha, S.; Garzón, J.; Kinshuk; Burgos, D. (Accepted). The effect of educational mobile games on learning performance: A meta-analysis and research synthesis. *Interactive Learning Environments*. [2022 Clarivate Analytics Impact factor 5.4]

2023

3. Zheng, L.; Kinshuk; Fan, Y.; Long, M. (2023). The impacts of the comprehensive learning analytics approach on learning performance in online collaborative learning. *Education and Information Technologies*, 28, 16863-16886. [Thompson Scientific Impact factor 3.666]
4. Tan, J.; Kinshuk; Wu, L. (2023). The effectiveness of design thinking on K-12 school students' creativity in a maker curriculum. *Educational Technology Research and Development*, <https://doi.org/10.1007/s11423-023-10332-y>. [2019 Clarivate Analytics Impact factor 2.303]
5. Topuz, A. C.; Kinshuk (2023). Students' acceptance of and preferences regarding online exams: a systematic literature review. *Educational Technology Research and Development*, <https://doi.org/10.1007/s11423-023-10333-x>. [2019 Clarivate Analytics Impact factor 2.303]
6. Tlili, A.; Sun, T.; Denden, M.; Kinshuk; Graf, S.; Fei, C.; Wang, H. (2023). Impact of personality traits on learners' navigational behavior patterns in an online course: A Lag Sequential Analysis Approach. *Frontiers in Psychology (section Educational Psychology)*, 14, <https://doi.org/10.3389/fpsyg.2023.1071985> [2021 Clarivate Analytics Impact factor 4.232]
7. Bayounes, W.; Bayoudh Saâdi, I.; Kinshuk (2023). Toward an Intentional Model aware of learner cognitive traits for pedagogical process guidance. *Smart Learning Environments*, 10 (25). <https://doi.org/10.1186/s40561-023-00245-x> [ESCI, Scopus]
8. Tlili, A.; Huang, R.; Kinshuk (2023). Metaverse for climbing the ladder towards "Industry 5.0" and "Society 5.0"? *The Service Industries Journal*, 43 (3-4), 260-287. <https://doi.org/10.1080/02642069.2023.2178644> [2021 Clarivate Analytics Impact factor 9.405]
9. Yang, J.; Kinshuk; An, Y. (2023). A Survey of the Literature: How Scholars Use Text Mining in Educational Studies? *Education and Information Technologies*, 28, 2071-2090. <https://doi.org/10.1007/s10639-022-11193-3>. [2020 Clarivate Analytics Impact factor 2.917]

2022

10. Luis Bacca, J.; Fabregat, R.; Baldiris, S.; Kinshuk; Guevara, J. C. (2022). Determinants of Student Performance with Mobile-based Assessment Systems for English as a Foreign Language Courses. *Journal of Computer Assisted Learning*, 38 (3), 797-810. <https://doi.org/10.1111/jcal.12783>. [2019 Clarivate Analytics Impact factor 2.126]
11. Bayounes, W.; Bayoudh Saâdi, I.; Kinshuk (2022). Adaptive Learning: Toward an Intentional Model for Learning Process Guidance based on Learner's Motivation. *Smart Learning Environments*, 9, 33. <https://doi.org/10.1186/s40561-022-00215-9>. [ESCI, Scopus]
12. Yan, H.; Lin, F.; Kinshuk (2022). Removing Learning Barriers in Self-paced Online STEM Education. *Canadian Journal of Learning and Technology*, 48, 4. <https://cjl.ca/index.php/cjlt/article/view/28264/20607> [ESCI, Scopus]
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## Refereed Conference Publications

### Accepted

1. Brown, W.; Kinshuk (Accepted). Hybrid Simulation for Health Care Education using Wearable and Web-Based Technologies: A Theoretical Framework. *International Conference on Technology for Education T4E 2023*, November 24-26, 2023, Mumbai, India.

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2. Brown, W.; Kinshuk (2022). Improving simulation-based healthcare education through human actors, wearable, and web-based technology. *Proceedings of the 22nd IEEE International Conference on Advanced Learning Technologies* (July 1-4, 2022, Bucharest, Romania), Los Alamitos, CA, USA: IEEE Computer Society, 411-413.

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4. Cheng, Y.-W.; Wang, Y.; Kinshuk; Chen, N.-S. (2019). A Framework for Designing an Immersive Language Learning Environment Integrated with Educational Robots and IoT-based Toys. *International Conference on Smart Learning Environments* (March 18-20, 2019, Denton, Texas, USA), Singapore: Springer, 1-4.

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## Workshops/Symposiums/Panels

#### 2023

1. Huang, R.; Ogata, H.; Kinshuk; Shih, J.; Wong, S.-L. (2023). Panel: What are the impacts of Seamless IDC theory & practice towards future learning in Asia and beyond? June 14, 2023, Education University of Hong Kong, Hong Kong. (online) [Panel]

#### 2018

2. Huang, R.; Kinshuk; Li, Y.; Chang, T.-W. (2018). Artificial Intelligence to Promote Quality and Equity in Education. *14th International Conference on Intelligent Tutoring Systems*, June 11-15, 2018, Montreal, Canada.

#### 2016

3. Kinshuk (2016). Workshop: Graduate Research Supervision. November 22-23, 2016, The Maldives National University, Male, Maldives. [Workshop]
4. Kinshuk (2016). Workshop: eLearning. November 23-24, 2016, The Maldives National University, Male, Maldives. [Workshop]

#### 2015

5. Kumar, V.; Graf, S.; Dron, J.; Kinshuk; Clemens, C. (2015). Panel: Learning Analytics – Opportunities for Athabasca University. *Athabasca University Research Forum*, April 14, 2015, Edmonton, Canada. [Panel]

#### 2014

6. Kinshuk (2014). Panel: Vision for the future of education. *IEEE International Conference on Technology for Education (T4E 2014)*, December 18-21, 2014, Amritapuri, Kerala, India. [Panel]

#### 2013

7. Kinshuk (2013). Ubiquitous Learning Analytics in School Education – Local/Global Perception. Panel on E-learning in School Education in the Coming 10 Years: Critical Research Issues and Policy Implications. *International Conference on Computers in Education (ICCE 2013)*, November 18-22, 2013, Bali, Indonesia. [Panel]

#### 2012

8. McGreal, R., Sampson, D. G., Chen, N.-S., Kinshuk, Krishnan, M. S., & Huang, R. (2012). The Open Educational Resources (OER) Movement: Free Learning for All Students. In *Proceedings of the 12<sup>th</sup> IEEE International Conference on Advanced Learning Technologies (ICALT 2012)* (July 4-6, 2012, Rome, Italy), Los Alamitos, CA: IEEE Computer Society, 748-751. [Panel]
9. Kinshuk (2012). Panel: Reintroduce authentic learning! - through adaptivity and personalization in ubiquitous learning. *IEEE International Conference on Technology Enhanced Education (ICTEE)*, January 3-5, 2012, Amritapuri, Kerala, India. [Panel]



10. Kinshuk (2012). Workshop title: e-learning ... m-learning ... u-learning - innovations and personalization issues. *IEEE International Conference on Technology Enhanced Education (ICTEE)*, January 3-5, 2012, Amritapuri, Kerala, India. [Workshop]

#### 2011

11. Sampson, D., & Kinshuk (2011). Workshop Title: Role of context in mobile and ubiquitous learning: innovations and personalization issues. *III Congreso Internacional de Ambientes Virtuales de Aprendizaje Adaptativos y Accesibles (CAVA 2011)*, November 1-4, 2011, Bogota, Columbia. [Workshop]
12. Huang, R., & Kinshuk (2011). Panel: Role of context in mobile and ubiquitous learning: What do we want to know about our students? *10th World Conference on Mobile and Context Learning (mLearn 2011)*, October, 18-21, 2011, Beijing, China. [Panel]
13. Kinshuk (2011). E-Learning approaches and innovations at Athabasca University ~ Canada's Open University ~. June 23, 2011, *XII International Congress Virtual Educa 2011*, Mexico City, Mexico. [Panel]

#### 2008

14. Spector, M.; Hartley, R.; Koper, R.; Kinshuk; Elsayed, A. (2008). A Competency Approach: Implications for E-Learning and E-Assessment. In Díaz P., Kinshuk, Aedo I., & Mora E. (Eds.), *Proceedings of the 8th IEEE International Conference on Advanced Learning Technologies* (Santander, Spain, July 1-5, 2008), Los Alamitos, CA: IEEE Computer Society, 1013-1014 (ISBN 978-0-7695-3167-0).. [Panel]

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