Call for Papers
Special Issue
International Journal of Artificial Intelligence in Education
A Festschrift in Honour of Jim Greer
Guest Editors
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Jim Greer, a pioneer and leader in advanced learning technology research, passed away suddenly in June of 2018. Jim obtained his Ph.D. in Computer Science Education from the University of Texas (Austin) in 1987 and joined the Computer Science Department at the University of Saskatchewan where he was a founding member of the Laboratory for Advanced Research in Intelligent Educational Systems (ARIES). During his career Jim forged a formidable reputation in advanced learning technology, user modelling and personalization. He served as Co-Director of a NATO-sponsored Advanced Research Workshop on Student Modelling in 1991, Program and General Chair of the international AIED Conference, General Chair of the User Modelling conference in 1999; and President of the AIED Society. Working with graduate students and colleagues in the ARIES lab, Jim worked in many areas of advanced learning technology, contributing many ideas including

- **Learner modelling**: granularity-based educational diagnosis; active learner modelling approaches; open learner modelling; privacy-enhanced learner modelling
- **Collaborative and social learning environments**: online discussion forums and peer help systems; enhancement of learning through persuasive and other social technology
- **Learning system architectures**: educational semantic web, meta-data and ontologies to support learner modelling and the organization of learning objects; new learner modelling architectures
- **Educational data mining and learning analytics**: educational data mining and visualization technology applied to support university students and faculty
- **Applications**: automatic lecture video capture and annotation; design of systems to support learning in domains such as programming, software engineering, chess, writing, device use training, medicine, commerce, etc.
- **Evaluation methodologies for learning systems**

This Festschrift is a special issue of the International Journal of Artificial Intelligence in Education to honour his memory. We are soliciting papers from researchers who feel they have been motivated by Jim and/or influenced by Jim’s research insights. Each paper should be a contribution to the AIED field presenting a novel research project or result, an integrative summary of an ongoing research program, or an insightful reflection or survey of a field of research that overlaps one or more of Jim’s various interests. To ensure that the special issue is a true tribute to Jim, we ask that each paper explicitly communicate Jim's influence on the research. Papers should be submitted using the usual IJAIED submission procedure. A special board of reviewers will be recruited before the paper submission deadline to facilitate the review process and to help in keeping to the schedule.

Any questions can be sent by e-mail to the guest co-editors: mccalla@cs.usask.ca or jiv@cs.usask.ca

Timeline:

- notice of intention to submit: October 1, 2019 *(please notify the guest editors by e-mail)*
- paper submission due: November 30, 2019
- reviews returned to authors: January 15, 2020
- revised papers due: March 31, 2020
- special issue finalized: July 31, 2020