Key Points for Advancing the Value of Learning Analytics

Professor Dragan Gasevic

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12:45 – 14:00
Room 408-409, Meng Wah Complex, HKU
(Chair: Professor David Carless)

Abstract:

The analysis of data collected from user interactions with educational and information technology has attracted much attention as a promising approach for advancing our understanding of the learning process. After the early formation, the field has now entered the next phase of maturation with a growing community who has an evident impact on research, practice, policy, and decision-making. However, learning analytics needs to address emerging challenges to maximize its impact in practice. This talk will explore two critical challenges: *validity* of data collection and analysis and stakeholder *interaction* with results of analytics. The talk will discuss promising directions for learning analytics to tackle the challenges by grounding its future work around three cornerstones – theory, design, and data science. The challenges and directions will be examined by building on the findings of several research studies and implementation cases from different parts of the world.

About the speaker:

Dragan Gašević is Professor of Learning Analytics in the Faculty of Education and Adjunct Professor in the Faculty of Information Technology at Monash University. Previously, he was a Professor and the Sir Tim O'Shea Chair in Learning Analytics and Informatics in the Moray House School of Education and the School of Informatics at the University of Edinburgh (2015-2018) and Professor and Canada Research Chair in Semantic and Learning Technologies in the School of Computing and Information Systems at Athabasca University. He served as the immediate past president (2015-2017) of the Society for Learning Analytics Research (SoLAR) and holds several honorary appointments in Australia, Canada, Hong Kong, UK, and USA. A computer scientist by training and skills, Dragan considers himself a learning analyst who develops computational methods that can shape next-generation learning technologies and advance our understanding of self-regulated and social learning. Funded by granting agencies and industry in Canada, Australia, Europe, and USA, Dragan is a recipient of several best paper awards at the major international conferences in learning and software technology. Dragan had the pleasure to serve as a founding program co-chair of the International Conference on Learning Analytics & Knowledge (LAK) in 2011 and 2012 and the Learning Analytics Summer Institute in 2013 and 2014, general chair of LAK'16, and a founding editor of the Journal of Learning Analytics (2012-2017). Dragan is a (co-)author of numerous research papers and books and a frequent keynote speaker.

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For enquiries, please contact the Office of Research, Faculty of Education at 3917 8254.