

Symposium on Learning Analytics in Asia

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Title: Towards Evidence-Driven Education through Learning Analytics

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ABSTRACT The multi-disciplinary research approach of Learning Analytics (LA) has provided methods to understand learning logs collected during varied teaching-learning activities and potentially enrich such experiences. While LA platforms gather and analyse the data, there is a lack of specific design framework to capture evidences from the technology-enhanced teaching-learning practices. This talk will explain how technology can help to extract evidence of effective teaching-learning practices by applying the knowledge base of LA and developing novel techniques. This talk will propose the Learning Evidence Analytics Framework (LEAF) and draw a research road-map of evidence-driven education system. Teachers can refine their instructional practices, learners can enhance learning experiences and researchers can study the dynamics of the teaching-learning process with it.

BIO

Hiroaki Ogata is a Professor at the Academic Center for Computing and Media Studies, and the Graduate School of Informatics, Kyoto University, and an associate member of Science Council of Japan. His research includes Computer Supported Ubiquitous and Mobile Learning, CSCL, CALL, and Learning Analytics. He has published more than 300 peer-reviewed papers including SSCI Journals and international conferences. He has received several Best Paper Awards and gave keynote lectures in several countries. He is an associate editor of IEEE Transactions on Learning Technologies, RPTTEL and IJMLO, and also an editorial board member of IJCSCL, IJAIED, and JLA. He is an EC member of SOLAR and APSCE societies.