・Title: Reading of Reading for Actuating: Augmenting Human Learning by Experiential Supplements

・Abstract:

Reading is a fundamental activity for learning languages. By "reading" a reading behavior of a learner, we can know the level of the learner's knowledge and mental states. The result of "reading" can be used to improve learners' behavior by using various actuators, i.e., methods of giving feedback. In general, effective actuators depend on learners and thus can be found by analyzing the experience of learning. In my talk, I introduce recent results of the project called "experiential supplements," focusing on application to language learning. By analyzing human experiences, we obtain pieces of information called experiential supplements, which make it easier to follow other learners' successful learning experiences. As a result, learners can learn a language more efficiently and effectively.

・Short Bio:

Koichi Kise received B.E., M.E., and Ph.D. degrees in communication engineering from Osaka University, Osaka, Japan, in 1986, 1988 and 1991, respectively. From 2000 to 2001, he was a visiting researcher at German Research Center for Artificial Intelligence (DFKI), Germany. He is now a professor of the Department of Computer Science and Intelligent Systems, Osaka Prefecture University, Japan. With Prof. Andreas Dengel, DFKI, he founded in 2008 the Institute of Document Analysis and Knowledge Science (IDAKS), Osaka Prefecture University, and now works as the director. He has received awards including best paper awards of three major international conferences in the field of document analysis, i.e., ICDAR (international conf. on document analysis and recognition, in 2007 and 2013), DAS (document analysis systems, in 2010) and ICFHR (international conf. on frontiers in handwriting recognition, in 2010). He was the chair of IAPR TC11 (reading systems, 2012-2016), and a member of IAPR conferences and meetings committee. He has been an Editor-in-Chief of International Journal of Document Analysis and Recognition. He also worked for international conferences including as the general chair of ICDAR2017, a track chair of the document analysis track of ICPRs (2012, 2018), and a program co-chair of ICDAR2013, 2015 and ACPR2013, 2015. His research interests are in the areas of document analysis, human behavior analysis and learning augmentation.

・Photo: