INVITED SESSION SUMMARY

Title of Session:
Knowledge-based Learning and Education Support System: Design and Function

Name, Title and Affiliation of Chair:
Tomoko Kojiri (Kansai University),
Yuki Hayashi (Osaka Prefecture University)
Toyohide Watanabe (Nagoya Industrial Science Rseach Institute)

Details of Session (including aim and scope):

The objective in learning and teaching is to provide persons, who intend to do higher levels of activities over their current situation, with more refined knowledge and smart skills so as to make their current abilities consistent. Thus, from a viewpoint of promoting the learning process effectively it is important to observe the learning situation from the actions and reactions of individual learners step by step, and instruct them by using appropriate teaching resources or functional learning tools. At least, the well-defined or well-formed environments for the teaching and learning take important roles to make the teaching and learning process effective. Of course, this term "environment" can indicate various meanings for operational/interactive relationships organized under learners and learning/teaching information systems: interface, functionality, knowledge bases, intelligent media, content access support, contents editing, learning progress, teaching strategy, network facility, system performance, etc. This invited session focuses on the concept, design principle, architectural approach, teaching strategy, learning-oriented functionality, system configuration, experimental analysis, experiments, perspective, and so on with respect to the creativity support environment.

Since KES 2005, we have organized invited sessions to pay special attention to "learning/education support system". This continuous session will provide a good and timely opportunity to present and share the results and issues about "learning/education support system."

Following is the schedule of our session.
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Submission of Papers : 6 April, 2017
Notification of Acceptance: 30 April, 2017
Submission of Revised Papers : 20 May, 2017
Upload of Final Publication Files: 26 May, 2017

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Website URL of Call for Papers (if any):

http://www2.itc.kansai-u.ac.jp/~kojiri/KES2017/CFP

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