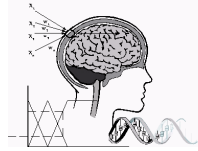




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session:

International PhD Student Forum "Smart Learning, Smart Education, Smart University"

Name of Chair:

Associate Professor Elena A. Boldyreva, ITMO University, Russia

Details of Session:

Currently, the processes of digitization and computerization of social spheres, in particular education, are actively underway. With the help of information and communication technologies, researchers are developing new approaches for education and creating methods and tools for e-learning, smart learning, smart education and smart universities. The aim of the PhD Student Forum is to give an opportunity to active PhD researchers to present their work in this area, to find like-minded people and to give support for continuing and deepening their research.

The topics of forum interest include, but are not limited, to:

1. Smart learning and e-learning - methods and tools of smart learning and e-learning - quality of e-learning (metrics, standardization, certification) - virtual laboratories (mathematical, software and hardware base) - VR and AR in E-learning
2. Smart education - methods and tools for the qualified specialists training in higher education - automation of development and adaptation processes of educational trajectories - decision support systems for students and teachers - intellectualization of the collection, processing and analysis of learning outcomes and personal data
3. Smart Universities - concepts of a digitalized university, technological innovations - educational networks - data security in a smart university - internet of behavior in the educational sphere

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

Department of software engineering and computer systems, ITMO University

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