

Call
For
Papers

Special
Session

4th International Conference on
Control, Decision and
Information Technologies

April 5-7, 2017

CoDIT'17

Website: www.codit2017.com

Barcelona, Spain



CALL FOR PAPERS
SPECIAL SESSION ON

"Intelligent Technologies and Methodologies of Learning Systems, ITMLS'17"

for CODIT'17
April 5-7, 2017 – Barcelona, Spain

Session Co-Chairs :

Prof. Dr. Abdel-Badeeh M. Salem, Ain Shams University, Cairo, Egypt, sbsalem@cis.asu.edu.eg
Prof. Dr. Milková Eva, Univ. of Hradec Kralove, Králové, Czech Republic, eva.milkova@uhk.cz

Session description

This special session deals with the intelligent technologies, methodologies and machine learning techniques which are used in developing intelligent learning systems. On the other side, the convergence of artificial intelligence technology , educational technology ,data science, and web technology is enabling the creation of a new generation of web-based intelligent e-learning systems.

The goal of ITMLS'17 session is to bring together scientists engaged in knowledge engineering, artificial intelligence ,educational technology, computational thinking, and Web technologies. It will provide a forum for identifying important opportunities and contributions for recent research on the different intelligent methodologies and techniques for developing intelligent e-Learning systems as well as smart education.

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

- Algorithmic and Computational Thinking
- Intelligent Tutoring Systems
- Knowledge Engineering and Representation Techniques for e-Learning
- Reasoning Techniques
- E-Testing and new Test Theories
- Data Mining and Knowledge Discovery in e-learning
- Data Science in e-Learning
- Machine Learning in e-Learning
- Web-based Learning, Wikis and Blogs
- Authoring Tools and Content Development
- Assessment Software Tools
- Ontological Engineering in e-Learning
- Visualization and Animation in Education
- Virtual laboratories and Learning Environment
- Semantic Web, Social Software and Wikis for Knowledge Management
- Graph Theory and Combinatorial Optimization.
- Software Engineering in Intelligent Educational Systems Design
- Mobile Learning Technologies
- Smart Online learning tools and technologies
- Smart Educational Portals
- Cooperation with Industry in Education
- International Projects and Relevant Applications

SUBMISSION

Please submit your full paper choosing the right Special Session (**05-Special Session: Intelligent Technologies and Methodologies of Learning Systems, (ITMLS)**) on the EasyChair for CoDIT'17 website: <https://easychair.org/conferences/?conf=codit17>

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

IMPORTANT DATES

December 4, 2016: deadline for paper submission

February 2, 2017: notification of acceptance/reject

February 26, 2017: deadline for final paper and registration.
