Special Session
on
Machine Learning Applications in Education
at the 14th IEEE International Conference on Machine Learning and Applications (IEEE ICMLA 2015)
Miami - USA, 9-11 December 2015
http://www.icmla-conference.org/icmla15/
(Sponsored by IEEE SMCS)

The field of education is constantly evolving with internet based learning environments. The new types of learning environments like virtual classroom, distance laboratories and new learning methodologies face with new problems that need to be addressed. The traditional learning environments are no longer used because of replacing with new Technologies based on internet. Machine Learning can provide new solutions to problems that facing with new learning and teaching technologies in education. Machine learning can be applied to many educational subjects to facilitate new methods and learning environments in the field of education.

The field of machine learning involves a variety of techniques to solve problems in education. Some example applications include prediction of learning success within the vocational and technical education, deciding effective learning methods, using social media for educational purpose, etc.

The aim of this special session is to obtain a good perspective into the current state of practice of machine learning applications to address various problems that should be solved in the field of education. Some topics relevant to this special session include, but are not limited to:

- Applications of Machine Learning in Mobile Learning Environments
- Machine Learning in Agent Based Educational Applications
- Applications of Machine Learning in Distance learning Environments
- Artificial Neural Networks Applications in Education
- Applications of Machine Learning in Social Networks
- Applications of Machine Learning in Authoring Technologies
- Applications of Machine Learning in Educational Software Testing
- Applications of Machine Learning in Intelligent Learning Environments
- Applications of Machine Learning in Human Computer Interaction
- Applications of Machine Learning in Virtual Learning Environments
- Applications of Machine Learning in Safe Internet in Education
- Applications of Machine Learning in Information Security
- Applications of Machine Learning in New Learning Theories
- Applications of Machine Learning in Social Media and Social Learning
- Applications of Machine Learning in Instructional Design

Submitted papers must not be previously published or be underconsideration for publication.
elsewhere. Authors must adhere to all submission procedures of the 14th IEEE ICMLA 2015, including paper formats and deadlines. The paper(s) should be submitted on or before August 25th, 2015. Any changes in the deadlines for the special session will be posted on the ICMLA 2015 website. http://www.icmla-conference.org/icmla15/

All papers accepted for this special session will be published in the proceedings of the 14th IEEE ICMLA 2015. The session papers are considered equivalent to regular papers submitted to IEEE ICMLA 2015, and they undergo the same rigorous review process.

Important Dates:

- Paper submission deadline: August 25th, 2015
- Acceptance notification: September 9th, 2015
- Camera-ready submission and registration: October 1st, 2015
- 14th ICMLA 2015 Conference: December 9-11, 2015

Organizers:

Prof. Dr. Halil Ibrahim BULBUL
Department of Computer and Instructional Technologies of Gazi University

Besevler, ANKARA, 06500, TURKEY

Phone: +90 (312) 202 8318
Fax: +90 (312) 221 32 02
Email: ibrahmhalil@gmail.com

Program Committee Members:

Prof. Dr. Ilhami COLAK, Joint Research Center of Europe, Petten, Netherland
Prof. Dr. Gary GROSSMAN, Arizona State University, AZ, USA.
Prof. Dr. Ramazan BAYINDIR, Gazi University, TURKEY
Assist. Prof. Dr. Abdurrahman ARSLANYILMAZ, Youngstown State University, OH, USA.