

**Workshop on
Learning Technology for Education
at
21st International Conference on Intelligent Systems Design and Its Applications
(ISDA)
on
World Wide Web
December 13-15, 2021**

<http://www.mirlabs.net/isda21/>

Objectives and Scope

The workshop covers different aspects of learning technology for education: learning methodologies, learning technologies, learning analytics, software, learning outcomes evaluation, educational data analysis, mining big data in education. The main aim is to bring together practitioners and researchers studying these topics and, in general, to personnel involved at management and/or teaching level in institutions interested in learning technologies approaches for education. Participants will have the opportunity to exchange good practices and points of view about the future of methodologies and technologies that can be used to change the way teachers teach and students learn.

Subtopics

Tools for combining AI and education, Formal methods for AI and education techniques, Software for knowledge acquisition and representation, Intelligent search engines for education analytics, Learning analytics for educational environments, Active learning and laboratory experience, Experiments and Assessment, Classroom, Laboratory, Learning, and Course Management Systems, Computational Thinking, Machine and Deep Learning, Explainable Artificial Intelligence approaches, Process Mining, Neural Networks, Generative Adversarial Networks, Reservoir computing, Evolutionary Algorithms, Swarm Intelligence, Simulated Annealing, Tabu Search, Probabilistic Reasoning, Fuzzy Logic, Game Theory, Logic and reasoning and Knowledge representation, Flipped Learning, Security in the online e-learning environment, Prediction of the students' performance etc.

Paper Publications

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (Indexed in SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago)
<https://www.springer.com/series/15179>
- Papers maximum length is 10 pages

- Papers must be formatted according to Springer format (Latex/word) available at: <https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324>

Important Dates

Paper submission due: September 30, 2021

Notification of paper acceptance: October 31, 2021

Registration and Final manuscript due: November 15, 2021

Conference: December 13-15, 2021

Special Session Chair

- Dr. Pasquale Ardimento, Department of Computer Science, University of Bari, Bari, Italy
- Dr. Fabio Zambetta, School of Science - RMIT University, Melbourne, Australia

Information Contact: Pasquale Ardimento <pasquale.ardimento@uniba.it>