



EDUCON2020 Special Session

Active Learning Environments: Preparing Future Engineers for the 21st Century Workplace (ALEPFECW'20)

<http://www.educon-conference.org/>

Overview

Today's Higher Education Institutions aim at providing their students with the necessary skills to make them employable and successful in their field. Therefore, more and more educators, researchers and practitioners are employing resources to equip students with 21st century skills such as critical thinking, creativity, communication, collaboration and information literacy. These skills can be acquired through *Active Learning*.

Active Learning can be accomplished through teaching strategies that motivate students to actively become involved in their learning process either as individuals or in collaboration with others. These teaching strategies focus on student-centered approaches such as case- based, problem-based, project-based and discovery-based learning that foster communication, collaboration and sharing.

This special session will address novel pedagogical approaches, methods and applications useful to those who wish to promote 21st century skills to meet the needs of today's workplace.

Topics

The session aims to attract research papers and case studies on novel methods and applications related to 21st century active learning pedagogies. We invite researchers, developers and practitioners from various fields, including but not limited to engineering, technology, computer science, communication, business, linguistics, ethnography, sociology and psychology, working on the following areas:

- Pedagogical Frameworks
- Student Engagement
- Educational Online Communities
- Communities of Inquiry
- Experiential Learning Environments
- Case-based Learning
- Inquiry-based Learning
- Project-based Learning
- Discovery-based Learning
- Interdisciplinary Learning

- Multidisciplinary Learning
- Game Based Learning
- Open and Distance Learning
- Web 2.0 Technologies in Education

Technical Program Committee

Chair(s)

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Dr. Anna-Maria Andreou, Ministry of Education, Culture, Sports and Youth, Cyprus

Dr. Phoebe Stavride, University of Nicosia, Cyprus

Dr. Alessandro Artusi, RISE Research Center, Cyprus

Dr. Leonidas Efthymiou, University of Nicosia, Cyprus

Prof. Miltiades Psallidopoulos, University of Nicosia, Cyprus

Dr. Vasso Stylianou, University of Nicosia, Cyprus

Dr. Andreas Savva, University of Nicosia, Cyprus

Deadlines

Dec. 15, 2019	Submission of complete papers
Jan. 21, 2020	Notification of Acceptance
Feb. 17, 2020	Author registration and Payment and Final/Camera-ready Due
Apr. 27, 2020	Pre-Conference Workshops
Apr. 28-30, 2020	EDUCON 2020