

# ICL Special Session Call

## Title

**Assessing and Enhancing Student On-Line Participation and Engagement: Models, Tools and Techniques**

## Acronym

**AESOPÉ 2021**

## Overview

*In the last one and a half years, online teaching and learning in almost all proposed learning scenarios worldwide have increased tremendously. Research and practical experience have shown that the active participation of the students and their engagement are crucial parts in these scenarios and they strongly impact their success. How to evaluate the student's participation and engagement, either in attendance or from their work has therefore become a major concern. These issues traverse all topics and all forms of learning but have a special relevance to Engineering and Computer Science education, where theoretical and practical knowledge and skills are always intertwined.*

*Many models, tools and techniques were proposed to address these concerns. This special session is dedicated to these problems, to report state of the art research results in assessing and enhancing student activities, participation, and engagement in addition to supporting the exchange of best-practice cases.*

*Topics of interest include, but are not limited to:*

## Topics

- Knowledge and skills evaluation and outcomes assessment
- Formative and informative assessments
- Assessment in non-traditional learning setups (Flipped classrooms, etc.)
- Gamified learning scenarios
- Learning cultures & diversity
- Rational and emotional engagement in learning
- New learning models and applications
- Pilot projects / products / applications
- Platforms and authoring tools
- Project and challenge-based learning
- Real world experiences
- Increasing online participation using non-traditional laboratories
- Teaching best practices
- Technical Teacher Training (TTT)
- Virtual and Augmented learning (VAL)

ICL2021

„Mobility for Smart Cities and Regional Development – Challenges for Higher Education“

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TU Dresden und HTW Dresden, Germany, 22-24 September 2021

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