



Contribution ID: 99

Type: Symposium

Methods and technological tools to support active learning at school and university

Thursday 6 July 2023 11:10 (1h 30m)

Active learning experiences can be significantly enhanced by the use of appropriate methods and technological tools. Interactive videos, collaborative learning platforms, interactive simulations, real-time data collection and analysis tools, modeling environments, adaptive learning technologies, and learning management systems are all examples of tools that can promote engagement, collaboration, and personalized learning. By incorporating these tools into their teaching, educators can create more engaging and effective learning experiences for their students. In this symposium, the use of some of the aforementioned tools in an active-learning environment and the necessary planning of pedagogical activities based on them will be discussed.

How would you like to present your contribution?

Live in Košice (time slot to be allotted based on the programme)

Target education level (primary)

University education

Target education level (secondary, optional)

Higher-secondary education

Authors: FAZIO, Claudio (Università degli Studi di Palermo); TUFINO, Eugenio (Department of Physics, University of Trento); ALEMANI, Micol (Institute of Physics and Astronomy, University of Potsdam,); BATTAGLIA, Onofrio Rosario (Department of Physics and Chemistry, University of Palermo); ONORATO, Pasquale (Department of Physics, University of Trento); DEMKANIN, Peter (Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava); NOVOTNÁ, Silvia (Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava); OSS, Stefano (Department of Physics, University of Trento)

Presenters: TUFINO, Eugenio (Department of Physics, University of Trento); ONORATO, Pasquale (Department of Physics, University of Trento); OSS, Stefano (Department of Physics, University of Trento)

Session Classification: Symposium

Track Classification: Digital technologies in physics education