



GIREP-EPEC

Transforming physics learning via Research & Practice
LEIDEN, 2025

Contribution ID: 195

Type: **Symposium**

Symposium ICASE-MIDEC: Remote and virtual experimentation for teaching Physics in Latin America - LAB

Friday 4 July 2025 13:00 (1h 30m)

This symposium focuses on collaborations about new trends in remote and virtual experimentation for teaching Physics between teachers of the International Council of Associations for Science Education (ICASE) and the Inter-American Roundtable for Scientific Education (MIDEC), both organizations are interested on improve Physics Education in Latin America. Nowadays, the laboratory of Physics is enriched by the development of technology; mainly computational simulations and remote laboratories make possible the free access of students at any time and help them to create new scenarios and experiments in order to develop their critical thinking.

Education level

Age over 18 (excluding teacher education)

Physics topic

Full curriculum

Research focus

Lab experiments

Research method

Innovative research strategies (Try-out) (Qualitative research)

Organizing preference criteria

Education level

Author: MORA, Cesar (Instituto Politécnico Nacional)

Presenter: MORA, Cesar (Instituto Politécnico Nacional)

Session Classification: Symposium

Track Classification: Physics teacher education & Professional learning (TEACH)