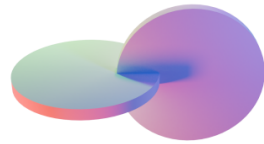


GIREP-EPEC 2025 Conference, Leiden, The Netherlands



GIREP-EPEC

Transforming physics learning via Research & Practice
LEIDEN, 2025

Monday 30 June 2025 - Friday 4 July 2025

Leiden University, Gorlaeus building

Scientific Programme

Below you can find the tracks that the conference intends to cover.

Astronomy and Astrophysics education (ASTRO)

Thermodynamics & Energy (THERMO)

Quantum education (QUANT)

Climate physics (CLIM)

Interdisciplinary topics (INTER)

e.g. biophysics, STEM, etc.

Contemporary and modern physics (CONT)

physics from 1900 onward and excluding topics that already have a separate track and excluding interdisciplinary topics

Interplay of mathematics and physics (MATH)

including (mathematical) modeling

Laboratory-based physics (LAB)

including classroom demonstrations

Instructional strategies & Curricula (INSTR)

Evaluation & Assessment (EVAL)

Artificial Intelligence (AI)

Digital technologies (DIGI)

e.g. multimedia, simulations, AR, VR, remote, games

Physics teacher education & Professional learning (TEACH)

Educational research methodology (METHOD)

applied to physics education

Informal and non-formal learning (INF)

including science communication

Identity and Belonging in physics (IDENT)

Cognitive science research (COGN)

Other research in Physics Education (OTHER)