



# GIREP-EPEC

Transforming physics learning via Research & Practice  
LEIDEN, 2025

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Type: **Oral presentation**

## Levelling Up Physics - online tutorials for pre-university students of physics to address diversity in physics in higher education

*Tuesday 1 July 2025 10:00 (20 minutes)*

Online physics tutoring that provides near peer mentoring can support a university physics department to engage with a more diverse range of young people interested in studying physics. Benefits for young people are in their knowledge of university application, confidence in their physics knowledge and demystifying what it is like to study physics at university.

### Education level

Outreach, Informal & Non-formal learning of physics

### Physics topic

Full curriculum

### Research focus

Innovative instructional strategies and pathways

### Research method

Educational design research (Qualitative research)

### Organizing preference criteria

Track

**Author:** COTTLE, Daniel (University of Birmingham)

**Presenter:** COTTLE, Daniel (University of Birmingham)

**Session Classification:** Parallel oral presentations

**Track Classification:** Identity and Belonging in physics (IDENT)