



GIREP-EPEC

Transforming physics learning via Research & Practice
LEIDEN, 2025

Contribution ID: 282

Type: **Oral presentation**

Diagnosis of Elementary Pre-service Teachers' Alternative Conceptions before and after Hands-on Laboratory about Electrostatic

Tuesday 1 July 2025 15:30 (20 minutes)

Métioui_Abstract_Oral presentation: see proposal enclosed below.

Education level

Age over 18 (excluding teacher education)

Physics topic

Other

Research focus

Student conceptions / Preconceptions / Misconceptions

Research method

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

Organizing preference criteria

Research focus

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Session Classification: Parallel oral presentations

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