

Session Program

30 June 2025 to 4 July 2025



GIREP-EPEC

Transforming physics learning via Research & Practice
LEIDEN, 2025

GIREP-EPEC 2025 Conference, Leiden, The Netherlands

Keynote speaker

Leiden University, Gorlaeus building
Einsteinweg 55 2333 CC Leiden <https://www.universiteitleiden.nl/en/locations/gorlaeus-building#tab-1>

Monday 30 June

11:30

Keynote speaker: Ricardo Karam - MATH

Session | Location: Gorlaeus 'schotel', C4/5 | Conveners: André Heck, André Heck

11:30-12:30

The complexification of physics: Historical episodes and educational implications

Speaker

Ricardo Karam

12:30

15:30

Keynote speaker: Alexandre Morin - CONT

Session | Location: Gorlaeus 'schotel', C4/5

15:30-16:30

The Physics of Flocking: Emergence of Collective Motion in Active Matter

Speaker

Alexandre Morin

16:30

Tuesday 1 July

11:00

Keynote speaker: Mieke de Cock - ASTRO

Session | **Location:** Gorlaeus 'schotel', C4/5 | **Convener:** Pedro Russo

12:00

11:00-12:00

Navigating the Cosmos: Cognitive Challenges in Astronomy Education

Speaker

Mieke De Cock

Wednesday 2 July

11:00

Keynote speaker: Judith Hillier - IDENT

Session | **Location:** Gorlaeus 'schotel', C4/5 | **Convener:** Roeland van der Rijst

12:00

11:00-12:00

Inclusion and Diversity in Physics

Speaker

Dr Judith Hillier

Thursday 3 July

11:00

Keynote speaker: Rainer Müller - QUANT

Session | **Location:** Gorlaeus 'schotel', C4/5 | **Conveners:** Kirsten Stadermann, Dr Kim Krijtenburg-Lewerissa

11:00-12:00

Quantum Education

Speaker

Rainer Müller

12:00

Friday 4 July

11:00

Keynote speaker: Heather Lewandowski - LAB

Session | **Location:** Gorlaeus 'schotel', C4/5 | **Convener:** Dr Paul Logman

11:00-12:00

Engaging Students in Authentic Scientific Practices in Physics Lab Courses

Speaker

Dr Heather Lewandowski

12:00