



# GIREP-EPEC

Transforming physics learning via Research & Practice  
LEIDEN, 2025

Contribution ID: 277

Type: **Workshop**

## Highlights of the “Quantum” exhibition: How to exploit ad-hoc designed demonstrators and staging activities to introduce quantum physics to a general audience - QUANT

*Thursday 3 July 2025 15:30 (1h 30m)*

In recent years, the emergence of quantum technologies and the vast scientific activities in the field of quantum science have also boosted the number of dissemination initiatives regarding Quantum Physics (QP). In the last four years, within the Italian Quantum Weeks project [2], we have been proposing an exhibition where the visitors are introduced to the basic concepts of QP through visual analogies, ad-hoc designed demonstrators and staging activities. In this workshop, we aim to propose these activities to the participants, which will have the possibility to actively test them and discuss their effectiveness.

### Education level

Outreach, Informal & Non-formal learning of physics

### Physics topic

Quantum mechanics

### Research focus

Active learning

### Research method

Other

### Organizing preference criteria

Physics topic

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**Session Classification:** Workshops

**Track Classification:** Quantum education (QUANT)