



GIREP-EPEC

Transforming physics learning via Research & Practice
LEIDEN, 2025

Contribution ID: 11

Type: **Workshop**

We have 99 demo's, and so much fun - INF

Friday 4 July 2025 09:00 (1h 30m)

Abstract. Demonstrations are fantastic. They offer wonderful possibilities to showcase the beauty of physics and amaze students. While it may not always be feasible to include one in every class, the objection “which demo then?” no longer applies. In our recent publication of the online, open-access book *Show the Physics* we present 99 physics demonstrations, including tested approaches to make these educationally effective. In this workshop we present some of these demonstrations, highlight key aspects of the online features and explain how you can utilize these, as well as contribute to the iterative improvement of the content.

Education level

Age 15-18 (Secondary education)

Physics topic

Full curriculum

Research focus

Other

Research method

Other

Organizing preference criteria

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Presenters: POLS, Freek; Mr VAN VEEN, Norbert

Session Classification: Workshops

Track Classification: Informal and non-formal learning (INF)