



# GIREP-EPEC

Transforming physics learning via Research & Practice  
LEIDEN, 2025

Contribution ID: 296

Type: **Workshop**

## Computational Modelling with Graphical Interface and Animations - DIGI

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

In this workshop participants will experience the ease of a special for education developed graphical modelling tool and the added-value of the possibility to design and control an animation by the model. They will, after a short introduction, have hands-on experience with the unique learning environment Coach 7. Unique because Coach 7 integrate also tools for measurement, so model results can be compared with measurement data. Participants will acquire a temporarily license, so they can practice also on their own in following months.

### Education level

Age 15-18 (Secondary education)

### Physics topic

Other

### Research focus

Digital technologies (multimedia, simulations, AR, VR, remote, games)

### Research method

Other

### Organizing preference criteria

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**Session Classification:** Workshops

**Track Classification:** Digital technologies (DIGI)