



GIREP-EPEC

Transforming physics learning via Research & Practice
LEIDEN, 2025

Contribution ID: 108

Type: **Poster**

Interdisciplinary school worksheets (physics-biology)

Monday 30 June 2025 16:30 (1 hour)

Interdisciplinary education is one of the many modern didactic methods used in recent years. It is also a very important part of teaching science subjects where it is crucial to understand the connections between topics. This contribution is about creating and using interdisciplinary school worksheets in physics and biology in elementary and secondary education. We describe the theoretical part with modern didactic methods used in designing the worksheets and the practical part describing the creation of the worksheets and the working methods. We also include didactic experiences and observations gained while using the worksheets in practice.

Education level

All ages

Physics topic

Interdisciplinary topics

Research focus

Active learning

Research method

Educational design research (Qualitative research)

Organizing preference criteria

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Session Classification: Poster session

Track Classification: Interdisciplinary topics (INTER)