



GIREP-EPEC
3-7 July 2023
Košice, Slovakia

GIREP-EPEC conference 2023
Physics learning promoting culture
and addressing societal issues

Contribution ID: 3

Type: **Workshop**

Home-Adapted Interactive Lecture Demonstrations: Active Learning at Home

Tuesday 4 July 2023 10:40 (1h 30m)

Is it possible to maintain elements of active learning for introductory university and secondary physics students working at home? I have adapted Interactive Lecture Demonstrations (ILDs) for home use, using the wealth of multimedia materials currently available (videos, simulations, photos, computer-based laboratory graphs, etc.) for experimental observations. While small-group discussions have not been included because of potential difficulties in implementation, these Home Adapted ILDs retain predictions as an essential element in engaging students in the learning process. Participants will have the opportunity to work with examples from the 26 sets that are available.

How would you like to present your contribution?

Live in Košice (time slot to be allotted based on the programme)

Target education level (primary)

University education

Target education level (secondary, optional)

Higher-secondary education

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Session Classification: Workshop Remote and Online Teaching and Learning

Track Classification: Teaching and Learning in remote and online environments