



Contribution ID: 15

Type: **Workshop**

Engaging Students in Class and Virtually with Interactive Lecture Demonstrations (ILDs)

Tuesday 27 August 2024 11:30 (1h 30m)

Abstract. The results of physics education research and the availability of computer-based tools have led to the development of research validated active learning strategies that have been demonstrated to enhance learning in the introductory physics course. One reason for the success of these materials is that they engage students to take an active role in their learning. This workshop will demonstrate Interactive Lecture Demonstrations (ILDs) through active participation. The workshop will include work with a virtual version—Home-Adapted ILDs—to be used in distance learning situations. ILDs have been demonstrated to substantially improve conceptual learning.

How would you like to present your contribution?

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

Target education level

University

Category

Formal Education

Author: SOKOLOFF, David

Presenter: SOKOLOFF, David

Session Classification: Workshop

Track Classification: Multimedia, AR, VR and AI in Physics Education