



Contribution ID: 66

Type: **Oral presentations**

Design for Physics

Monday 26 August 2024 13:40 (20 minutes)

Design for Physics is a joint project between a physics department and a design institute, aiming at engaging students that feel uncomfortable with scientific disciplines in the exploration of science. Students at IED were asked to design, produce and test low cost and easy to make apparatus for physics experiments, to be used in schools for teaching. We report about the project organisation, results and about the studies we conducted observing the students. We also tested the resulting products with a group of physics teachers, whose impressions are reported. Prototypes were exposed at important fairs, attracting a lot of interest.

How would you like to present your contribution?

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

Target education level

Secondary

Category

Formal Education

Author: ORGANTINI, Giovanni (Sapienza Università e INFN, Roma I (IT))

Co-authors: Prof. BOMBACI, Gianfranco (IED: Istituto Europeo di Design); Prof. DEL SANTO, Mauro (IED: Istituto Europeo di Design)

Presenter: ORGANTINI, Giovanni (Sapienza Università e INFN, Roma I (IT))

Session Classification: Oral presentations

Track Classification: Experiments and Practical Work in Physics Education