



Research and Innovation in Physics education: two sides of the same coin



GIREP-MPTL 2018

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09.Jul - 13.Jul 2018

Cod. Z02-18

Mod.:

Face-to-face

Edition

2018

Activity type

Workshop

Date

09.Jul - 13.Jul 2018

Location

Faculty of Engineering, Gipuzkoa

Languages

English

Academic Validity

50 hours

Organising Committee



Description

The Conference GIREP-MPTL 2018 will be focused on physics educational innovations at Primary, Secondary and University levels. Specifically, the symposium provides a forum for exchanging ideas and discussing recent developments in such areas as:

- Physics teaching and learning at Primary and Secondary Education
- Physics teaching and learning at University
- Preservice and in service physics teachers education
- Physics education in non-formal setting
- Physics into STEM teaching and learning
- ICT and multimedia in Physics Education
- Nature of Science, gender and socio-cultural issues in physics education

Objectives

The GIREP-MPTL conference will provide participants with the opportunity to fruitfully exchange on their experience and ideas and share the latest information on Physics Education. Thanks to your articles and presentations and your active participation at the event, GIREP-MPTL is set to be an academically enriching and truly memorable experience for all attendees.

The Conference GIREP-MPTL 2018 emphasizes both results of physics education research and good practices in teaching physics. The Conference strongly encourages practical application of emerging teaching strategies to problems of direct relevance to classroom. Consequently, both theoretical as well as applied physics education topics are of interest.

Course specific contributors



Directed by



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Física Aplikatua saileko irakaslea da Gipuzkoako Ingeniaritza Eskolan, Bigarren Hezkuntzan aritu ondoren. Ingeniaritzaren Oinarri Fisikoak irakasten dizkie Gipuzkoako Ingeniaritza Eskolako ikasleei. Bigarren Hezkuntzako Irakasle masterrean ere irakasle bada. STEAM arloetarako eskola-proiektuak bultzatzen dihardu. Bere ikerketa, batxilergoko eta unibertsitate mailatarako ikerketaren emaitzetan oinarritutako irakaskuntza-ikaskuntza sekuentzien garapenean oinarritzen da; estatuko zein europar proiektuen bidez. Bere ikerketaren emaitzak nazioartean argitaratuak izan dira, aldizkari espezializatuetan. Tesia Elektromagnetismoaren irakaskuntza-ikaskuntzaren inguruan burutu zuen DoPER (DOnostia Physics Education Research) ikerketa taldean, Jenaro Guisasola doktoreak zuzenduta. Fisikan lizentziatua da, astrofisika espezialitatean (La Laguna Unibertsitatea) eta doktoratua Fisikaren Irakaskuntzan (UPV/EHU).

Place

Faculty of Engineering, Gipuzkoa

Plaza Europa 1 - 20018 Donostia/San Sebastián

Gipuzkoa