

Session Program

4-8 Jul 2022

GIREP 2022, Ljubljana, Slovenia

Poster Session: REM & STR

Faculty of Education, University of Ljubljana
Kardeljeva ploščad 16, 1000 Ljubljana, Slovenia

Wednesday 6 July

13:00

Poster Session: REM & STR

Poster Session |

Location: Faculty of Education, University of Ljubljana, Kardeljeva ploščad 16, 1000 Ljubljana, Slovenia

Inquiry-based learning and STEM conception in pedagogical practice at secondary and high school levels in the Czech Republic

Speaker

Mr Jakub Ivanič

Physics Teaching Methods and How to Grade Ukrainian Students in the Czech Republic

Speaker

Nataliya Kazachkova

Transforming Informal Education Programs for High School Students and Teachers at CERN into Virtual Alternatives: Challenges and Opportunities

Speaker

Niklas Herff

Remote Inquiry Based Learning, methods, assessment and examples

Speaker

Mojca Čepič

Analyzing the pan flute: a strategy for understanding sound

Speaker

Prof. Ruth Paulina Martínez Victoria

Concept Learning in Electricity Enhanced by Virtual Reality

Speaker

Mr Roman Schmid

Experiences of undergraduate engineering students in laboratory exercises of core courses during COVID-19 pandemic

Speaker

Ivana Štibi

From Thinking to Doing Through Dialogue: Designing a Pedagogical Strategy for STEM Teachers

Speaker

Prof. Jan Sermeus

How do scientists explain basic concepts in quantum physics?

Speaker

Stina Scheer

Physics Quantitative Literacy of US and Belgian STEM Teachers: a Preliminary Study

Speaker

Mieke De Cock

(V) Active Learning Proposal for teaching the system of the double linear spring in the High School**Speaker**

Rubén Sánchez Sánchez

Group Formation for Two-stage Collaborative Exams**Speaker**

Kelly Miller

Prospective primary teacher education on magnetic phenomena**Speaker**

Marisa Michelini

Analysing audio recorded peer discussions**Speaker**

Ms Eliane Merki

Some Aspects of Relevance of Science and Physics Education**Speaker**

Prof. Marika Kapanadze

The Solvay Education Programme at CERN Science Gateway**Speaker**

Dr Guillaume Durey

The Human-centered design framework as a means of bridging the research-practice gap**Speaker**

Fabian Bernstein

Teaching uniformly accelerated motion with the help of robotics**Speaker**

Peter Stubljär

Analysis of Force Concept Inventory (FCI) in two different approaches to learning physics**Speaker**

Jelena Ružić

School-leaving Examination in Physics at the end of Upper Secondary School in the Czech Republic - Current State**Speaker**

Ms Petra Pschotnerová

(V) Principles and Equations of Physics: a multidisciplinary laboratory**Speaker**

Marco Giliberti

The Use of Computational Modelling and Video Motion Analysis Software in the Field of Newtonian Dynamics - a Mixed-Methods Study

Speaker
Jannis Weber

Trialling two Teaching/Learning Sequences on Surface Phenomena based on Active-Learning Methodologies

Speaker
Claudio Fazio

Physics Textbooks - as an important tool for learning and teaching

Speakers
Prof. Marika Kapanadze, Dr Gabriela Jonas-Ahrend

Understanding and addressing in-service teachers training needs in the digital era

Speaker
Dr Kalliopi Meli

Guided Discovery Teacher Training Online

Speakers
Irena Dvořáková, Dr Věra Koudelková

(V) Elementary Pre-service Teachers' Alternative Conceptions on the Electric Current Distribution in Simple Electrical Circuits

Speaker
Abdeljalil Métioui

13:50