

GIREP 2022, Ljubljana, Slovenia

Monday 4 July 2022

Physics Teacher Education - Room 230 (15:00 - 16:15)

-Conveners: Alberto Stefanel

time	[id] title	presenter
15:00	[164] Examining the relationship between teacher self-efficacy and teaching out-of-field in physics	SMITH, Kyla
15:20	[98] Measurement uncertainty: a lever for the professional development of out-of-field physics teachers	PERL NUSSBAUM, David
15:40	[62] Concept of Force Representations of Prospective Primary Teachers	Dr STEFANEL, Alberto

Tuesday 5 July 2022

Physics Teacher Education - Room 209 (10:30 - 12:00)

-Conveners: Valentina Bologna

time	[id] title	presenter
10:30	[42] Creation of an evaluation rubric for the assessment of written preparation for teaching physics	GEJDOŠOVÁ, Barbora
10:50	[54] Design and implementation of a STEAM Teaching/Learning Sequence by Project-Based Learning for the training of future secondary school teachers	PORTILLO-BLANCO, Ane
11:10	[92] How do teachers interpret and respond to students' explanations?	Mrs KUVEZDIC, Danijela
11:30	[36] Improving the effectiveness of Physics teaching	BOLOGNA, Valentina LONGO, Francesco

Physics Teacher Education - Room 212 (16:15 - 17:45)

-Conveners: Vira Bondar

time	[id] title	presenter
16:15	[100] Students' Critical Thinking skills in relation to climate change	MICOLOI, Magdalena
16:35	[76] Quantum Technology PCK for Teachers	ANDREOTTI, Erica VERBRAEKEN, Lise
16:55	[43] Collaborative Reflection on the Integration of "Deliberation Labs" into Teachers' Practice – Large-Scale PD Perspective	Mrs NOGA, Adi Dr LEVY, Smadar
17:15	[112] Supporting Teaching Assistants in a Community of Practice	Dr BONDAR, Vira

Thursday 7 July 2022

Physics Teacher Education - Room 230 (14:00 - 15:30)

-Conveners: Kalliopi Meli

time	[id] title	presenter
14:00	[135] Science students' experience of spatial scales: A phenomenographic pilot study	Dr EULER, Elias
14:20	[102] Teaching Physics through Astronomy: an object-based approach	LEONARDI, Alessio Mattia
14:40	[126] Exploring the experiences of undergraduate physics students on a 'Teaching Physics in School' module and the effects on their intentions to become physics teachers	COTTLE, Daniel
15:00	[18] Utilizing physics teachers' epistemological and pedagogical conceptions on thermodynamics to develop training programs	Dr MELI, Kalliopi

Friday 8 July 2022

Physics Teacher Education - Room 230 (10:30 - 12:00)

-Conveners: Lars-Jochen Thoms

time	[id] title	presenter
10:30	[120] Co-designing rich tasks in physics as a model of deepening teacher professional learning	Dr MCLOUGHLIN, Eilish
10:50	[39] Evaluation of a university seminar on the use of digital media in the physics classroom	WEILER, David
11:10	[88] Developing a blended programme of professional development during the Covid lockdowns	BERNARDELLI, Alessio
11:30	[130] Digital Competencies for Science Teaching: Adapting the DiKoLAN Framework to Teacher Education in Switzerland	Dr THOMS, Lars-Jochen