

PROGRAM

Wednesday, 26th August 2020



ROOM 1

- 14.00 – 14.05 **Janez Vogrinc, SI:** *Dean's welcome* Chair: Eilish McLoughlin
- 14.05 – 14.45 **Mojca Čepič, SI:** *The life of 3DIPhE Project*
- 14.45 – 15.30 **Rik Vanderhauwaert, BE:** *LINPILCARE project*
- 15.30 – 16.00 COFFEE BREAK
- 16.00 – 17.00 *Teachers presentations (parallel sessions):*

ROOM 1 Examples from 3DIPhE

- 16.00 – 16.15 **Barbara Szymańska-Markowska, PL:** *How IBL method affected classes in physics lessons students were not interested in?*
- 16.15 – 16.30 **Jordy Zwaenepoel, BE:** *Can connecting Music & Science motivate learners?* Chair: Rik Vanderhauwaert
- 16.30 – 16.45 **Jasmina Petek Pecl, SI:** *Exploring with tangram*
- 16.45 – 17.00 **Simona Verdinek Špenger, SI:** *Exploring the scope and area of composite characters*

ROOM 2 Examples from 3DIPhE

- Bram Neyens, BE:** *Does the amount of teacher scaffolding influences the learning outcomes of an interdisciplinary IBL-project?*
- Lidija Eler Jazbinšek, SI:** *In what capacity does the students's learning type express depending of the way of presenting a project about birds?* Chair: Wim Peeters
- Kimara Goethals, BE:** *How can I adapt my teaching methodology so all students are involved?*
- Špela Gec Rožman, Špela Povše Pistotnik, SI:** *Strike a balance*

- 17.00 – 18.00 **Mojca Čepič, SI:** *Inquiry Based Learning (IBL) Virtual workshop: Relative motion*
- 18.00 – 19.00 OPEN HOUR on theme: Reflection on teacher's learning

Thursday, 27th August 2020



ROOM 1	
9.00 – 9.45	Dagmara Sokołowska, PL: <i>IBL and 3DIPhE e-Book examples</i>
9.45 – 10.30	Jan De Lange, BE: <i>Practitioner's Inquiry (PI) - 3DIPhE outcomes</i>
10.30 – 11.00	COFFEE BREAK
11.00 – 12.00	<i>Teachers presentations (parallel sessions):</i>

Chair:
Ana G.
Blagotinšek

ROOM 1 Examples from 3DIPhE	
11.00 – 11.15	Matej Rožič, SI: <i>My experience with IBL in PTI programs</i>
11.15 – 11.30	Uroš Medar, SI: <i>A plastic bottle is all you need</i>
11.30 – 11.45	Roman Klara, PL: <i>How do students perceive the physics lesson on the subject of the electromagnetic induction carried out via an IBL method?</i>
11.45 – 12.00	Małgorzata Szymura, PL: <i>IBL ON PHYSICS LESSONS ... IN THE EYES OF A STUDENT</i>

Chair:
Justyna Kniaź

ROOM 2 COVID-19 and school experience	
	Vesna Kotnik, SI: <i>Different didactic approaches of teaching while working remotely</i>
	Marija Žigart, SI: <i>Distance learning and online exams</i>
	Ivana Štibi, Mojca Čepič, Jerneja Pavlin, HR/SI: <i>Impact of the SARS-CoV-2 pandemic on pre-university physics education: Croatian teachers' point of view</i>
	Ivana Štibi, Manca Hafner, Mojca Čepič, Jerneja Pavlin, HR/SI: <i>Physics lessons in Slovenian primary and secondary schools during the SARS-CoV-2 pandemic</i>

Chair:
Jeroen
Op den Kelder

12.00 – 12.50 LUNCH BREAK

12.50 – 13.30 **Ana G. Blagotinšek, SI:** *3DIPhE Practitioners Meet (for 3DIPhE teachers and partners)*

12.50 – 12.55 *Introduction in ROOM 1*

12.55 – 13.20 *Working in Groups 1–5 ***

13.20 – 13.30 *Conclusions in ROOM 1*

**	GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5
Facilitator	Uroš Medar, SI	Špela Gec Rožman, SI	Marko Rožič, SI	Matej Rožič, SI	Jasmina Žel, SI
	Rita Deraedt, BE	Gerdy Olivier, BE	Kimara Goethals, BE	Anja Roelof, BE	Bram Neyens, BE
	Jordy Zwaenepoel, BE	Damienne Letmon, IE	Ruth Chadwick, IE	Deirde O'Neill, IE	Pieter Tijtgat, BE
	Beata Sobocinska, PL	Ewa Kamińska, PL	Monika Jurek, PL	Beata Świder, PL	Anna Bekas, PL
	Małgorzata Szymura, PL	Urška Kranjc, SI	Irena Smoter, PL	Roman Klara, PL	Teresa Baniias, PL
	Simona Verdinek Špenger, SI	Jure Štokovnik, SI	Vesna Kotnik, SI	Jasmina Petek Pelcl, SI	Andreja Eršte, SI
	Lidija Eler Jazbinšek, SI	Anja Smrtnik, SI	Vesna Lindič, SI	Nataša Jelen, SI	Špela Povše Pistotnik, SI
	Maja Ilar, SI	Barbara Szymańska-	Gregor Rapuš, SI	Manca Roblek, SI	Barbara Jančič, SI
	Tatjana Hedžet, SI	Markowska, PL			

13.30 – 14.30 *Teachers presentations (parallel sessions):*

ROOM 1	
Examples from 3DIPhE	
13.30 – 13.45	Gerdy Olivier, BE: <i>How can students work more independently and inquiry-based during STEM-projects?</i>
13.45 – 14.00	Damienne Letmon, IE: <i>Pre-service physics teachers' knowledge and understanding of mandatory experiments</i>
14.00 – 14.15	Beata Sobocinska, PL: <i>How the gender structure of student groups affects effectiveness of IBL implementation during science classes</i>
14.15 – 14.30	Andreja Eršte, SI: <i>Investigating physical properties of pendulums: three experimental approaches</i>

Chair:
John
De Poorter

ROOM 2	
COVID-19 and school experience	
	Jasmina Petek Pelcl, SI: <i>Use of online tools during covid-19</i>
	Natalija Podjavoršek, SI: <i>Teaching physics during COVID-19</i>
	Ruth Chadwick, IE: <i>Impact of COVID-19 crisis on science teaching and facilitation of practical activities in Irish schools</i>
	Matjaž Pintarič, SI: <i>Distance physics lessons at Primary School Prule</i>

Chair:
Paul Grimes

14.30 – 15.30 **Dagmara Sokołowska, PL:** *IBL workshop on Spaghetti bridge*

15.30 – 16.00 COFFEE BREAK

16.00 – 17.00 *Teachers presentations (parallel sessions):*

ROOM 1	
Examples from 3DIPhE	
16.00 – 16.15	Jasmina Žel, SI: <i>Weight of unknown object</i>
16.15 – 16.30	Maja Ilar, SI: <i>Which is bigger: one liter or one kilogram?</i>
16.30 – 16.45	Monika Jurek, PL: <i>What kind of a classroom desk arrangement during the physics lesson conducted by the IBL method contributes to the development of social competences of students at risk of social maladjustment?</i>
16.45 – 17.00	Marko Rožič, SI: <i>What is wrong with mechanical energy conservation?</i>

Chair:
James Lovatt

ROOM 2	
COVID-19 and school experience	
	Nataša Jelen, SI: <i>Physical phenomena - independent learning</i>
	Anja Smrtnik, SI: <i>Applied mathematics project: Renovation of my room</i>
	Andreja Eršte, SI: <i>Optics in the kitchen</i>
	Gregor Rapuš, SI: <i>Series or parallel connection?</i>

Chair:
Jerneja Pavlin

17.00 – 18.00 **Maja Pečar, SI:** *PI on IBL workshop on water rockets*

18.00 – 19.00 OPEN HOUR on theme: Discussion on the link between IBL and PI

Friday, 28th August 2020



ROOM 1

9.00 – 10.30 **Wim Peeters, BE:** *Coaching guide and the workshop on coaching a PLC*

10.30 – 11.00 COFFEE BREAK

11.00 – 12.15 *Teachers presentations (parallel sessions):*

ROOM 1
Examples from 3DIPhE

11.00 – 11.15 **Urška Kranjc, SI:** *By research the similarities to quality and lasting knowledge in mathematics*

11.15 – 11.30 **Vesna Lindič, SI:** *Mirroring shapes across the line and inquiry based learning*

11.30 – 11.45 **Beata Świder, PL:** *What effect does the IBSE method have on the results of teaching Gravity to high school students?*

11.45 – 12.00 **Anna Bekas, PL:** *How does the IBSE method affect remembering physical quantities and application of acquired knowledge in practical tasks?*

12.00 – 12.15

Chair:
Dagmara
Sokołowska

12.15 – 13.00 LUNCH BREAK

13.00 – 14.30 **Ana G. Blagotinšek, SI:** *PI and IBL Workshop on double shadow*

14.30 – 15.00 COFFEE BREAK

15.00 – 15.45 **Paul Grimes, IE:** *Report on Case studies*

15.45 – 16.30 *Parallel and new Horizons:*

15.45 – 16.00 **Ana G. Blagotinšek, SI:** *The Unteachables Project (ERASMUS+)*

16.00 – 16.15 **Jerneja Pavlin, SI:** *Erasmus+ project ARphymedes*

16.15 – 16.30 **Paul Grimes, IE:** *The STAMPED project*

Chair:
Maja Pečar

16.30 – 18.00 **Mojca Čepič, SI:** *Round table on levels of inquiry, discussions and closing*

ROOM 2
Examples from 3DIPhE

Nathalie Dillen, Anja Roelof, BE: *How do I give feedback during laboratory work in a more efficient way and achieve my goals?*

Deirde O'Neill, IE: *Investigating the impact of embedding reflective practice as a professional learning tool in physics*

Uroš Medar, SI: *A small PI can make a great difference*

Jure Štokovnik, SI: *Research on the usefulness of thermally insulated products in the subject of science and technology*

Barbara Jančič, SI: *Usability of the cooler bag*

Chair:
Jan De Lange