

26th International Conference on Multimedia in Physics Teaching and Learning (MPTL'26)

Thursday, September 7, 2023

Presentations/Workshops: Presentations I - T2 (3:00 PM - 4:30 PM)

-Conveners: Petr Káčovský

time	[id] title	presenter
3:00 PM	[29] Visualizing the Movement of the Celtic Stone	GRECZYŁO, Tomasz
3:20 PM	[10] Interactive Visualisation for Teaching a Quantum Double Slit Experiment	LEGERSKÁ, Jana
3:40 PM	[3] Easy JavaScript Simulation (EJSS) Data Analytics for Singapore National Learning Management System -Student Learning Space	LOO KANG LAWRENCE, WEE
4:00 PM	[13] Video recording of a multipurpose demonstration experiment	ROVŠEK, Barbara

Presentations/Workshops: Workshop I - T7 (3:00 PM - 4:30 PM)

-Conveners: Marie Snětinová

time	[id] title	presenter
3:00 PM	[28] LEGO building blocks sets, Arduino and Micro:bit as experimenting tools in Physics Classroom	BABAYEVA, Marina

Presentations/Workshops: Distance oral presentation - T2 (5:00 PM - 6:20 PM)

-Conveners: Zdeňka Koupilová

time	[id] title	presenter
5:00 PM	[17] Comparing Simulations to Improve Physics Students' Education	KOENIG, Paul BOLOGNA, Valentina
5:20 PM	[16] Training Teachers on New Topics and New Tools in Physics Education	RUGGIERO, Matteo Luca RINAUDO, Marta SERIO, Marina
5:40 PM	[32] Digital Games and Quantum Physics in University	ANTTILA, Daria

Presentations/Workshops: Presentations II - T7 (5:00 PM - 6:20 PM)

-Conveners: Petr Kolář

time	[id] title	presenter
5:00 PM	[31] What are the perceptions of physics teachers about generative artificial intelligence in school activities: initial reflections from a focus group	Prof. REZENDE JUNIOR, Mikael Frank Prof. LÓPEZ SIMÓ, Victor
5:20 PM	[26] Project digiSTAR – digital augmented Science Teaching and Research	Dr THOMS, Lars-Jochen

Friday, September 8, 2023

Presentations/Workshops: Presentations III - T2 (3:30 PM - 5:00 PM)

-Conveners: Lars-Jochen Thoms

time	[id] title	presenter
3:30 PM	[5] Teaching colour addition with a STEM educational resource based on Arduino and Processing Development Environment	HAHN, Marcelo
3:50 PM	[30] Examples of physics lessons supported by the Arduino platform	KOLÁŘ, Petr
4:10 PM	[23] Damped oscillations: phyphox vs Arduino controlled Hall-sensor	CSERNOVSZKY, Zoltán
4:30 PM	[6] Teaching refractive index with a Virtual Experimental Activity	RODRIGUES, Marcelo

Presentations/Workshops: Workshop II - T7 (3:30 PM - 5:00 PM)

-Conveners: Petr Kácovský

time	[id] title	presenter
3:30 PM	[15] Classroom Experimentation – Arduino Projects to Teach Electromagnetism	HÖMÖSTREI, Mihály SCHNIDER, Dorottya

Saturday, September 9, 2023

Presentations/Workshops: Presentations IV - T2 (11:00 AM - 12:15 PM)

-Conveners: Zdeňka Koupilová

time	[id] title	presenter
11:00 AM	[25] Comparing AI and student responses on variations of questions through the lens of sensemaking and mechanistic reasoning	Prof. ZOLLMAN, Dean
11:20 AM	[4] Smartphone-based undergraduate research projects in an introductory mechanics course	LAHME, Simon Z.
11:40 AM	[33] Vividbooks: Not Just Another Textbook	ŠKOP, Vít

Presentations/Workshops: Workshop III - T7 (11:00 AM - 12:15 PM)

-Conveners: Matěj Ryston

time	[id] title	presenter
11:00 AM	[11] Using low-cost and standalone Virtual and Augmented Reality headsets to teach and learn motion concepts	Dr ROSI, Tommaso