

WCPE III 2021 Hanoi, VIETNAM

Tuesday, December 14, 2021

Parallel 5 - Wroclaw/Guayaquil: Presentation 5.2 - Interplay between physics and mathematics - Zoom ID: 701 110 5119, Passcode: 12345 (4:00 PM - 5:30 PM)

-Conveners: Tomasz Greczyło; Nguyễn Thị Tố Khuyên; Frederik Dilling

time	[id] title	presenter
4:00 PM	[158] Integration between Mathematics and Physics in engineering students.	Mr MARTINEZ BRIONES, CARLOS ALBERTO Mrs ESPINOZA PRADO, DANA SOFIA
4:20 PM	[127] Students' Reasoning while Using Mathematics in Physics Lessons	LEVI, Hadas
4:40 PM	[72] Reasoning processes in mathematics education and its connection to natural sciences – A theoretical paper	DILLING, Frederik
5:00 PM	[54] A teaching-learning sequence on colour in the context of a motivational stage for high school students	Dr AURELIO, Daniele

Parallel 5 - Wroclaw/Guayaquil: Presentation 5.3 - School physics education - Zoom ID: 701 110 5119, Passcode: 12345 (4:00 PM - 5:30 PM)

-Conveners: Ewa Dębowska; Nguyễn Thị Tố Khuyên; RAUL DOS SANTOS NETO

time	[id] title	presenter
4:00 PM	[89] Engaging students emotionally with Physics using stories	BHANSALI, Aesha
4:20 PM	[157] TEP, PHYSICAL and tolerant exchange in higher education	Mr MARTINEZ BRIONES, CARLOS ALBERTO Mr LARA MARIDUEÑA, FRANKLIN JESUS
4:40 PM	[159] Design principles about using simulators to improve student engagement in the physics teaching	DOS SANTOS NETO, Raul
5:00 PM	[148] Astronomy Teaching - A didactic proposal for measuring the Equinox in Latin America	Mr ROSA, Pedro S. ROSA, Pedro

Parallel 5 - Wroclaw/Guayaquil: Presentations 5.1 - Contemporary physics and modern physics - Zoom ID: 701 110 5119, Passcode: 12345 (4:00 PM - 5:30 PM)

-Conveners: Mirela Kaczmarek; Nguyễn Thị Tố Khuyên; Steven Goldfarb

time	[id] title	presenter
4:00 PM	[84] International Particle Physics Outreach Group: Engaging the world with science	GOLDFARB, Steven
4:20 PM	[187] The IPPOG Resource Database: Making particle physics outreach & education available worldwide	BRUANT GULEJOVA, Barbora
4:40 PM	[160] Spacetime globe: a teaching proposal for the didactics of Special Relativity	LEONARDI, Alessio Mattia
5:00 PM	[91] Pedagogical Considerations for Quantum Instruction	EMIGH, Paul Jeffrey

Parallel 5 - Wroclaw/Guayaquil: Symposium 5.1 - Differences and similarities in approaches to physics LAB-courses -

Zoom ID: 701 110 5127, Passcode: 12345 (4:00 PM - 5:30 PM)

-Conveners: Freek Pols; Dat Nguyen Duc; Arturo Pazmino

time	[id] title	presenter
4:00 PM	[106] Differences and similarities in approaches to physics LAB-courses	POLS, Freek Dr BRADBURY, Forrest POLS, Freek LOGMAN, Paul LEWANDOWSKI, Heather

Parallel 5 - Wroclaw/Guayaquil: Workshop 5.1 - Collaborative Activities for University Physics during COVID and for

post-COVID Times - Zoom ID: 701 110 5118, Passcode: 12345 (4:00 PM - 5:30 PM)

-Conveners: Gerald Feldman; Thinh Quy NGUYEN; Esther Desireé Gutiérrez Moreno

time	[id] title	presenter
4:00 PM	[59] Collaborative Activities for University Physics during COVID and for post-COVID Times	FELDMAN, Gerald SCHILTZ, Guillaume