

WCPE III 2021 Hanoi, VIETNAM

Thursday 16 December 2021

Parallel 10 - Wroclaw: Presentation 10.1 - Contemporary and modern physics - Zoom ID: 701 110 5119, Passcode: 12345 (11:00 - 12:30)

-Conveners: Maria Bondani; Ngoc Diep Ta; Bartosz Strzelczyk

time	[id] title	presenter
11:00	[135] State of the art of the sum over paths approach in quantum mechanics education	MALGIERI, Massimiliano
11:20	[132] Didactics for Contemporary physics and modern physics teaching at Strathmore University (Nairobi-Kenya)	Mr OBBO, Joseph Prof. PERSANO ADORNO, Dominique
11:40	[128] The Second Quantum Revolution at school: teaching and learning Quantum Physics in the context of Quantum Technologies	Dr BONDANI, Maria
12:00	[118] Understanding the relation between classical and quantum mechanics: prospects for undergraduate teaching	NADDEO, Adele

Parallel 10 - Wroclaw: Presentation 10.2 - Experiments and practical work in physics education - Zoom ID: 701 110 5119, Passcode: 12345 (11:00 - 12:30)

-Conveners: Paul Logman; Jonathan Michael Keartland; Ngoc Diep Ta

time	[id] title	presenter
11:00	[162] Electrical Transport Measurements from First Principles: a Senior Undergraduate Experiment	KEARTLAND, Jonathan Michael
11:20	[97] Analysis of Smartphone Recorded Transit Light Curves via Astronomical Software	BORDÁS, Árpád
11:40	[93] Two simplified experiments for an estimation of surface tension	Ms TERMINI, Giulia
12:00	[102] Video Tutorials on Selected Topics in the Introductory-Level Dynamics	Dr ANTIMIROVA, Tetyana ANTIMIROVA, Tetyana

Parallel 10 - Wroclaw: Presentation 10.3 - School physics education - Zoom ID: 701 110 5119, Passcode: 12345 (11:00 - 12:30)

-Conveners: Magdalena Kersting; Ngoc Diep Ta; Ewa Dębowska

time	[id] title	presenter
11:00	[108] The many roles of metaphors in learning and doing physics	KERSTING, Magdalena
11:20	[92] Student Difficulties with the Propagation of a Pulse in a String	Mr RANGKUTI, Muhammad Aswin
11:40	[46] Constructing a diagnostic instrument for wave optics	JELICIC, Katarina

Parallel 10 - Wroclaw: Presentation 10.4 - Contemporary and modern physics - Zoom ID: 701 110 5119, Passcode: 12345 (11:00 - 12:30)

-Conveners: Robert Bryl; Kristina Zuza; Dat Nguyen Duc

time	[id] title	presenter
11:00	[114] University students understanding of the moment of inertia in a rotating rigid body	Dr ZUZA, Kristina
11:20	[140] The real medical situation for Physics teaching	Prof. FIORE, Oriana FIORE, Oriana Prof. CAPONE, Roberto
11:40	[129] Development of a New Study Module about Knowledge Acquisition in Science	BIEDENBACH, Jana
12:00	[147] Terrestrial and Extra-terrestrial Radioactivity	MONTALBANO, Vera

Parallel 10 - Wroclaw: Symposium 10.1 - Supporting educational transitions in physics - Zoom ID: 701 110 5127,

Passcode: 12345 (11:00 - 12:30)

-Conveners: Phuong Linh Tran; Eilish McLoughlin

time	[id] title	presenter
11:00	[168] Supporting educational transitions in physics	Dr MCLOUGHLIN, Eilish