



# WCPE III 2021 Hanoi, VIETNAM

## Wednesday, 15 December 2021

### Parallel 6 - Hanoi: Poster presentation - Zoom ID: 701 110 5118, Passcode: 12345 (07:00 - 08:30)

-Conveners: Naoshi Takahashi; Nguyễn Thị Tố Khuyên

time	[id] title	presenter
07:00	[107] A Report on the Results of Electric Circuit Concept Survey Tests in the Teacher Training Course, from 2001 to 2020.	Prof. TAKAHASHI, Naoshi
07:15	[109] Explanatory approach for analyzing online problem-solving activities in science teachers' CoP with epistemic tools	OHNO, Eizo
07:30	[83] A mathematical model of peer-instruction including stochastic uncertainty	NARIYUKI, Yasuhiro
07:45	[186] Determination of problem-solving competency framework associated with student's majors	NGUYỄN, huyền thanh
08:05	[170] SITUATION OF STEM TEACHING AND LEARNING IN HIGH SCHOOL IN VIETNAM	TRINH ĐỨC THANH, Giang

### Parallel 6 - Hanoi: Presentation 6.1 - School Physics Education - Zoom ID: 701 110 5119, Passcode: 12345 (07:00 - 08:30)

-Conveners: Marika Kapanadze; Ngoc Diep Ta; Nguyen Van Bien

time	[id] title	presenter
07:00	[52] What can be Learned from Physics Textbooks	Prof. KAPANADZE, Marika Dr JOUBRAN, Fadeel Dr MAZZOLINI, Alexander Dr JONAS-AHREND, Gabriela
07:30	[65] Active Learning on Paradoxical Phenomena in the Fluid Pressure	KOBAYASHI, Akizo
08:00	[57] Survey of Newton Mechanics Conceptual Consistency using Multiple Representations for High School Students	OZAKI, Ryunosuke

### Parallel 6 - Hanoi: Presentation 6.2 - School physics education - Zoom ID: 701 110 5119, Passcode: 12345 (07:00 - 08:30)

-Conveners: Hitoshi Katsuda; Ngoc Diep Ta; Ngoc Chat Tran

time	[id] title	presenter
07:00	[105] Development of Concept Inventories fitting Japanese High School Physics I	Mr KATSUDA, Hitoshi
07:20	[183] The Natural Science Teacher Training Program meeting the demands of the New General Education Curriculum in Vietnam	Mrs NGUYEN THI, Hao
07:40	[184] AFFECTING INQUIRY-BASED LABORATORY ON THE DEVELOPMENT OF STUDENTS' EXPERIMENTAL COMPETENCY: A SYSTEMATIC LITERATURE REVIEW	Ms NGUYEN , Thanh Loan
08:00	[185] STEM-education project Automatic light in response to ambient light for 11th graders to develop creativity and problem-solving competency	Mr HOANG-PHUONG, Mai