

GIREP-EPEC 2023 Conference, Košice, Slovakia

Wednesday 5 July 2023

Contemporary and modern physics: 012,128,164,173 - Room 5 (16:40 - 18:10)

-Conveners: Chairman: Gesche Pospiech

time	[id] title	presenter
16:40	[12] Seeing Quantum Physics in the Classroom: Navigating the Landscape of Demonstration Material	Mr FOLKERS, Bart
17:00	[173] Conceptual Understanding of Climate Change of German A-level Students	Dr WACKERMANN, Rainer
17:20	[128] Development of the mental models of wave and particle as basis for wave-particle duality	OCKHORST, Rutger
17:40	[164] Designing and evaluating a questionnaire on the quantum physics measuring process	POSPIECH, Gesche

Thursday 6 July 2023

Contemporary and modern physics: 022,052,086,114,165 - Room 5 (13:40 - 15:20)

-Conveners: Chairman: Italo Testa

time	[id] title	presenter
13:40	[114] Students' hybrid perspectives about wave function and quantum measurement: A cross-national study	TESTA, Italo
14:00	[86] Implementing quantum cryptography protocols using MACROBITS	PEREIRA, Joao
14:20	[52] Experiences in Teaching/Learning Quantum Information Science	TÓTH, Kristóf
14:40	[22] The effectiveness of mathematical representations for the understanding of Quantum Mechanics	CAMPAGNARO, Stefano
15:00	[165] Using Variation Theory to Understand How Students Relate an Idealised Model to a Paul Trap in the Physics Laboratory	KILDE LÖFGREN, Sebastian