

GIREP-ICPE-EPEC 2017 Conference Programme - Monday 3rd July

Room Name	The Theatre	The Gallery	The Space	The Blueroom	Q119	Q120	Q121
Location	The Helix, Ground Floor	The Helix , Level 2	The Helix, Ground Floor	The Helix, Level 2	Business First Level	Business First Level	Business First Level
08:00 - 09:00	Registration Opens The Helix Ground Floor	Pre-Conference Workshop W001: Physics for Africa: an international workshop David Sands					
09:00 - 10:00							
10:00 - 11:00							
11:00 - 12:00							
12:00 - 13:00							
13:00 - 14:00	Opening Ceremony						
Chairperson	Eilish McLoughlin Plenary Session						
14:00 - 15:00	Plen01: Solar water disinfection for rural communities in low-middle income countries Kevin McGuigan						
15:00 - 15:30	Refreshments						
Session Title		Symposium S001: Conceptual metaphor in physics education	Strand 3: University Physics	Symposium: LAPEN-IACPE Symposium S003: New trends on physics education and training teachers	Strand 6: ICT and Multimedia in Physics Education	Strand 7: Cross-Disciplinary Physics	Strand 10: Physics Education in Informal and Non-Formal Settings
Chairperson		Federico Corni	Colm O'Sullivan	Cesar Mora		Mieke De Cock	
Discussant		Paula Heron		Marisa Michelini			
15:30 - 15:50		S001a: Metaphor and myth: The roots of analogical structures in macroscopic physical science Hans U. Fuchs	O001: Combining new teaching methods and redesigning classroom furniture to augment learning in physics courses Shafiqur Rahman	S002a: Implementation of a didactic strategy to teach electricity and magnetism to students of higher education level Rubén Sánchez Sánchez	O005: The use of the virtual platform and cooperative learning Carlos Alberto Martinez Briones	O009: Multidisciplinary science problems that stimulate interdisciplinary thinking Lodewijk Koopman	O013: "There are no things inside things": An augmented lecture in between formal and informal education Marco Giliberti
15.50 - 16.10		S001b: Using metaphors in teaching physics to student teachers Federico Corni	O002: The walking droplet phenomenon: A simplified model and some simulation results showing strong wave-particle coupling Onofrio Rosario Battaglia	S002b: Peer Project Learning and Perusal tool in flipped classroom for physics Eduardo Montero Carpio	O006: A virtual and augmented reality setup for physics education Tommaso Rosi	O010: Changing biology students' perception of physics Pilar Segarra	O014: University students' negotiation of physics identity in informal physics programs Claudia Fracchiolla
16.10 - 16:30		S001c: Visual metaphors as applied to process diagrams Elisabeth Dumont	O003: Embedding inquiry oriented learning in a laboratory program Theo Hughes	S002c: Learning styles and academic performance in the study of kinematics: a research in development Oscar Jardey Suárez	O007: Discussing Energy: symbolical and narrative diagrams to help the teaching-learning process in primary school Alessandra Landini	O011: Optical spectroscopy in a research-based innovation in physics course for biotechnology freshmen Daniele Buongiorno	O015: Remote access experiment as a facilitator for the teaching of contemporary physics in secondary schools Arquimedes Luciano
16:30 - 16:50		S001d: The disorder metaphor for entropy – friend or foe? Jesper Haglund	O004: Spaced repetition and conceptual understanding in physics Derek Raine	S002d: An improvement in teaching of Special Relativity Theory: Peer Instruction a door to motivation Manuel S. Alvarez Alvarado		O012: A new introductory physics course for students of the life sciences: From design to dissemination Alice D. Churukian	
16:50 - 17:00		Discussion	Discussion	Discussion	Discussion	Discussion	Discussion
17:00 - 18:00		GIREP National Reps Meeting					
18:00 - 19:00	Laser Light Express Roadshow						
19:00 - 20:00	Welcome Reception						