

SAIP2017

Tuesday 04 July 2017

Physics Education: session 1 - A407 (10:00-10:40)

-Conveners: Deena Naidoo

time	[id] title	presenter
10:00	[47] Olympiads in the Digital Data Age	Mr RIJSDIJK, Case

Physics Education - A407 (11:10-12:10)

-Conveners: Mark Herbert

time	[id] title	presenter
11:10	[217] An investigation of students' approaches in solving kinematic problems using linear equations of motion	Ms TANCI, Sinovuyo
11:30	[195] Students' explanations of motion in real-life context	Mr MOLEFE, Paul
11:50	[272] Students' presentations as a teaching and learning tool	Dr SONDEZI, Buyi Mr MOLEFE, Paul

Wednesday 05 July 2017

Physics Education - A407 (10:00-10:40)

-Conveners: Case Rijdsijk

time	[id] title	presenter
10:00	[275] Vectors from students' point of view	Dr SONDEZI, Buyi Mr MOLEFE, Paul
10:20	[277] FIRST-YEAR STUDENTS' DEVELOPMENT OF PHYSICS CONCEPTS: THE EFFECT OF GUIDED INQUIRY LABORATORY ACTIVITIES	Mr BALOYI, Vonani

Physics Education - A407 (11:10-12:10)

-Conveners: Paul Molefe

time	[id] title	presenter
11:10	[354] The University of the Western Cape Department of Physics and Astronomy natural science and physical science teacher development and training program	Dr HERBERT, Mark
11:30	[427] Non-specialist talk - Cool science does not have low kinetic energy	

Thursday 06 July 2017

Physics Education - A407 (10:00-10:40)

-Conveners: Marthinus Johannes Schwartz

time	[id] title	presenter
10:00	[328] Physics as background foundation for process engineers and analytical scientists	Prof. MULABA-BAFUBIANDI, Antoine-Floribert
10:20	[166] Physics in isiZulu: how far should we go?	Dr FISH, Derek

Physics Education - A407 (11:10-13:10)

-Conveners: Derek Fish

time	[id] title	presenter
11:10	[144] The 'Misconception' of 'Common Sense': An Introspective Approach	Mr SCHWARTZ, Marthinus Johannes
11:30	[385] Undergraduate students' difficulties with motion of hooked objects on inclined and horizontal surfaces	Mr PHAGE, Itumeleng
11:50	[296] A modern approach to Thermodynamics practicals	Mr DIX-PEEK, Ross
12:10	[106] What is mathematics good for anyway?	Mrs HILLEBRAND-VILJOEN, Charlotte
12:30	[188] Quantum Key Distribution for The Undergraduate Curriculum	Ms PHEHLUKWAYO, Samukelisiwe
12:50	[162] How do undergraduate students respond to early research?	Dr BUYI, Sondezi