

SAIP2013

Tuesday 09 July 2013

Education (10:30-12:10)

-Conveners: Mark Herbert

time	[id] title	presenter
10:50	[73] The barometer of scientific endeavour: A comparative analysis	Dr RAMAILA, Sam
11:10	[128] The Virtual Observatory - A New Era for Astronomy Education	Dr BARWAY, Sudhanshu
11:30	[82] Postgraduate student driven outreach in physics at Stellenbosch University	Mr RIGBY, Charles
11:50	[513] Is there a gap between the high school curriculum and first year university experience?	Ms SONDEZI, Buyi

Education (14:10-15:10)

-Conveners: Mdumiseni Nxumalo

time	[id] title	presenter
14:30	[433] Using Astronomy to enhance Physics teaching at undergraduate level	Ms CATALA, laure
14:50	[197] Overview of the Extended Curriculum Programme Physics at the University of the Western Cape	Dr HERBERT, Mark

Education (15:40-16:40)

-Conveners: Douglas Clerk

time	[id] title	presenter
15:40	[214] If $1+1=3$, then $E=1/2mc!$	Dr CARLESCHI, Emanuela
16:00	[554] University students' performance in different types of exam questions informs on their problem solving skills as well as studying ability	Dr ALBERS, Claudia
16:20	[358] The IAU Office of Astronomy Development	Dr MAUDUIT, Jean-Christophe

Wednesday 10 July 2013

Education (09:00-10:00)

-Conveners: Paul Molefe

time	[id] title	presenter
09:00	[215] First year astronomy students' interpretation of the term "radiation"	Ms TAKANE, Mpele
09:20	[74] A scientifically efficient approach for uniform evaluation of Physics practicals using software embedded and improvisation-based system at Doornfontein Campus of the University of Johannesburg	Dr RAMAILA, Sam
09:40	[244] What is problem-solving?	Dr NAIDOO, Deena

Education (10:30-11:50)

-Conveners: Deena Naidoo

time	[id] title	presenter
10:30	[72] Competency in units and measurement: Does it provide a good indicator of the performance of students in university first year Physics?	Dr REDDY, Leelakrishna
10:50	[253] Active Learning 101	Mr CLERK, Douglas
11:10	[288] Correlation between the social background of a selected group of grade 10 learners and their views on the nature of science.	Mr BALOYI, Vonani
11:30	[170] Exploring Science Shows that Bridge the Gap between Indigenous Knowledge (IK) and Modern Science: The Lightning (Electricity) Show	Mr NXUMALO, Mdumiseni

Education (13:50-15:10)

-Conveners: Sam Ramaila

time	[id] title	presenter
13:50	[569] NON-SPECIALIST: Skills development and training	Dr SPARROW, RAYMOND WALTER
14:30	[582] DIVISION MEETING	

Education (15:40-16:40)

-Conveners: Sam Ramaila

time	[id] title	presenter
15:40	[590] National Report on Review of undergraduate physics education in public higher education institutions	

Friday 12 July 2013

Education (09:00-10:00)

-Conveners: Leelakrishna Reddy

time	[id] title	presenter
09:00	[514] Physics foundation program: Implications for second year mainstream physics module	Mr MOLEFE, Paul
09:20	[567] The challenges of tutor training for high school learners	Prof. MURONGA, Azwinndini
09:40	[179] Conceptual Coherence By Contrast	Mr SCHWARTZ, MJ

Education (10:30-11:50)