

SAIP2014

Tuesday 08 July 2014

Education: Education - D Les 310 (10:00-10:40)

-Conveners: Herbert Mark

time	[id] title	presenter
10:00	[434] Influence of a science enrichment programme on the views of the nature of science of a group of grade 10 learners.	Mr BALOYI, Vonani Michael
10:20	[18] Students' perceptions of the study process: A critical analysis	Dr RAMAILA, Sam

Education - D Les 310 (11:10-12:10)

-Conveners: Jonathan Keartland

time	[id] title	presenter
11:10	[107] Excel IF functions as marking rubrics for assessing physics practicals	Mr OELOFSE, Jan
11:30	[154] DC Circuits: Context dependency of students' responses	Mr JOHN, Ignatius
11:50	[17] A critical assessment of first year entering university science students' conceptual understanding	Dr REDDY, Leelakrishna

Education - D Les 310 (14:00-15:40)

-Conveners: Alan Matthews

time	[id] title	presenter
14:00	[290] The influence of backwash on problem-solving	Mr CLERK, Douglas
14:20	[132] First year university physics students' perceptions of the teaching-learning environment: In search of a coherent pedagogic learning orientation	Dr RAMAILA, Sam
14:40	[327] A four-year foundation degree programme. Do we really need it?	Mr MOLEFE, Paul
15:00	[454] Modeling physical phenomena with permanent magnets	Prof. MICHAELIS, Max

Wednesday 09 July 2014

Education: Education - D Les 310 (10:00-10:40)

-Conveners: Sam Ramaila

time	[id] title	presenter
10:00	[475] Physics Education Division Meeting	Dr RAMAILA, Sam

Education: Education - D Les 310 (11:10-12:10)

-Conveners: Deena Naidoo

time	[id] title	presenter
11:10	[170] Attitudes and expectations of first year students towards physics labs	Ms TLOWANA, Munene
11:30	[21] A CHAT perspective on the tensions and dynamics in the professional development of Physical Sciences teachers in a mentoring relationship	Dr RAMAILA, Sam
11:50	[373] Recent Development in the Physics III Laboratory Module at WITS	Dr KEARTLAND, Jonathan

Education: Education - D Les 310 (14:00-15:40)

-Conveners: Dale Taylor

time	[id] title	presenter
14:00	[419] Using cooperative learning to improve students' problem solving in physics	Dr HERBERT, Mark Herbert
14:20	[133] Lesson planning practices of South African Physical Sciences teachers in a new curriculum	Dr RAMAILA, Sam
14:40	[451] Conceptual resources for learning kinematics graphs	Mrs DJJAN, Grace
15:00	[62] Teaching Physics in isiZulu	Dr MATTHEWS, Alan

Thursday 10 July 2014

Education: Education - D Les 310 (10:00-10:40)

-Conveners: Leelakrishna Reddy

time	[id] title	presenter
10:00	[150] Quantum Optics: Do we need single photons?	Ms MCLAREN, Melanie
10:20	[302] An evaluation of students' understanding of Newtonian Mechanics	Prof. NAIDOO, Deena

Education: Education - D Les 310 (11:10-12:10)

-Conveners: Padmanabhan Nair

time	[id] title	presenter
11:10	[421] First year students' beliefs about physics	Dr TAYLOR, Dale
11:30	[367] The experiences of four-year program degree students	Ms SONDEZI-MHLUNGU, Buyi
11:50	[94] Sound Misconceptions in a Science Centre	Mr FISH, Derek

Education: Education - D Les 310 (14:00-15:40)

-Conveners: Douglas Clerk

time	[id] title	presenter
15:00	[19] The impact of community engagement initiative at Soweto Science Centre of the University of Johannesburg in addressing the subject knowledge deficiency of learners in the Further Education and Training band	Dr NAIR, Padmanabhan
15:20	[20] A triggering strategy for improved pass rate in a software-managed evaluations in Physics practicals for Engineering and Health Science Diploma Programmes at the University of Johannesburg	Dr REDDY, Leelakrishna

Friday 11 July 2014

Education: Teachers - D Les 310 (10:00-10:40)

-Conveners: Deena Naidoo

time	[id] title	presenter
10:00	[495] Shoestring Experiments 1: Measuring the track separation on a compact diskette using a metre stick	Mr CLERK, Douglas
10:20	[496] Shoestring Experiments 2: Resurrecting and using the 2D collision apparatus	Mr CLERK, Douglas

Education: Teachers - D Les 310 (11:10-12:10)

-Conveners: Sam Ramaila

time	[id] title	presenter
11:10	[497] Material Sciences for Teachers	Dr NAIDOO, Deena
11:30	[498] Sound and music: Part 1	Mr FISH, Derek
11:50	[499] Sound and music: Part 2	Mr FISH, Derek