

SAIP 2011

Wednesday 13 July 2011

NPRP: Clustering and Break-up - Acro8 (11:00-12:45)

-Conveners: Steven Karataglidis

time	[id] title	presenter
11:00	[241] A search for the 5 alpha condensate state in ^{20}Ne	Mr SWARTZ, Cobus
11:15	[133] Characterization of Cluster States in ^{16}O with the (p,t) reaction	Dr MABIALA, Justin
11:30	[57] Study of rare modes of "collinear cluster tri-partition" of $^{252}\text{Cf}(\text{sf})$	Mr MALAZA, Vusi
11:45	[273] Quasifree alpha cluster knockout studies	Prof. COWLEY, Anthony
12:00	[355] Quasi-elastic binary breakup in the interaction of ^{12}C with ^{12}C , ^{93}Nb and ^{197}Au at 400 MeV incident energy	Mr MIRA, Joele
12:15	[358] Study of fusion evaporation channels in the $^{18}\text{O} + ^{18}\text{O}$ reaction at 65 MeV	Ms KHALEEL, ESRA

NPRP: Applications of Radio-Activity - Acro8 (13:45-15:30)

-Conveners: Richard Newman

time	[id] title	presenter
14:00	[136] Determining the impact of anthropogenic activities on the environment by using In Situ gamma ray measurements.	Dr BEZUIDENHOUT, Jacques
14:15	[367] Radon escape from mine tailings dams	Mr ONGORI, Joash
14:30	[406] Low level counting using a NaI(Tl) detector	Mr NONCOLELA, Sive
14:45	[338] A comparison of analysis methods of gamma-ray spectra obtained with a LaBr ₃ scintillation detector	Mr VAN ROOY, M.W
15:00	[411] Synthesis and Labelling of DISIDA (N-2,6-diisopropyl-phenylcarbamoylmethyliminodicetic) acid	Mr MUSA LONWABO, KWETANA

Thursday 14 July 2011

NPRP: High Energy Physics - Acro8 (08:00-09:30)

-Conveners: Simon Connell

time	[id] title	presenter
08:00	[248] Omega Meson electroproduction analysis	Mr UNWUCHOLA, Doonnull Attah
08:15	[289] Study of di-photon events in the ATLAS detector at the LHC : cross-section measurement and application to Higgs searches in the di-photon channel	Dr AUROUSSEAU, Mathieu
08:30	[290] Search for Higgs boson to 4 leptons through new gauge bosons	Dr AUROUSSEAU, Mathieu
08:45	[172] Higgs Searches with the ATLAS Detector Using Data Collected in 2010 at the LHC	Dr ASSAMAGAN, Ketevi Adikle

NPRP: Nuclear Structure and Theory - Acro8 (11:00-12:45)

-Conveners: Simon Mullins

time	[id] title	presenter
11:00	[326] Recent results from gamma ray studies of rare earth nuclei	Mr STANKIEWICZ, Maciej
11:15	[331] Search for Low Spin Collective Structures in ^{158}Er and ^{159}Er	Mr DINOKO, Tshepo
11:30	[321] Search for Tetrahedral symmetries in ^{156}Dy	Mr MAJOLA, Siyabonga
11:45	[115] Transitional ^{150}Sm and ^{152}Gd	Ms BVUMBI, Suzan Phumudzo
12:00	[408] Coulomb excitation of light nuclei.	Dr ORCE, Nico
12:15	[27] Mirror symmetry for nuclei near or beyond the proton drip line	Prof. KARATAGLIDIS, Steven

NPRP: Radio-Active Beams - Acro8 (13:45-14:30)

-Conveners: Sifiso Senzo Ntshangase

time	[id] title	presenter
13:45	[325] The IThemba LABS Radioactive Beam Project	Dr BARK, Robert

Friday 15 July 2011

NPRP: Giant Resonances - Acro8 (08:00-09:30)

-Conveners: Anthony Cowley

time	[id] title	presenter
08:30	[152] Fine Structure of the Isovector Giant Dipole Resonance: a survey with (p,p') scattering at zero degrees	Mr JINGO, Maxwell
08:45	[135] Fine structure of the Isoscalar Giant Quadrupole Resonance and 2^{+} level densities in spherical to deformed nuclei across the isotope chain $^{142,144,146,148,150}\text{Nd}$ using the (p,p') reaction	Mr KUREBA, Chamunorwa Oscar

NPRP: Accelerators, applications and ion sources - Acro8 (11:00-12:45)

-Conveners: Nico Orce

time	[id] title	presenter
11:00	[202] Capabilities of Accelerator Beam Lines in Research and Development at Necsa	Mr DANIELS, Graham
11:15	[190] Comparison of thermal and structural Properties of HRT nuclear fuel Composite and nuclear graded graphite	Ms MUROVHI, phathutshedzo
11:30	[88] Emittance measurements of ion beams extracted from a prototype microwave ion source using the Slit-Grid technique	Mr LOMBERG, Blaine B. D.
11:45	[295] Status of the Electron Cyclotron Resonance Ion Sources (ECRIS) at iThemba Labs	Mr NTSHANGASE, Sifiso Senzo