

Kruger2014: The International Workshop on Discovery Physics at the LHC

Monday 01 December 2014

Plenary Session (09:00-11:30)

-Conveners: Jean Cleymans

time	[id] title	presenter
09:00	[47] Welcome from the Department of Science and Technology	Dr ADAMS, Daniel
09:15	[48] State of Physics in South Africa	Prof. VILAKAZI, Zeblon
09:30	[49] CERN: A European Laboratory for a Global Project	Dr VOSS, Rüdiger
10:00	[50] The CERN Medium and Long Term Program towards Future Discoveries	Prof. BERTOLUCCI, Sergio
10:45	[85] The Future of ALICE	GIUBELLINO, Paolo

Plenary Session (12:00-13:30)

-Conveners: Jean Cleymans

time	[id] title	presenter
12:00	[52] Selected Highlights from the Precision Studies in ATLAS	Dr BECK, Hans Peter
12:45	[45] Highlights from Run-I from the CMS Experiment	Dr DE ROECK, Albert

Plenary Session (17:00-17:45)

-Conveners: Siegfried Fortsch

time	[id] title	presenter
17:00	[18] Review of Strange Particle Production up to LHC Energies	Dr OESCHLER, Helmut

Tuesday 02 December 2014

Plenary Session (09:15-11:30)

-Conveners: Bruce Mellado

time	[id] title	presenter
09:15	[53] Physics at FAIR: Oportunities for South Africa	Prof. STÖCKER, Horst
10:00	[37] Till the supersymmetric path? To tread or not to tread?	Prof. MUKHOPADHYAYA, Biswarup
10:45	[54] Physics of the Higgs Boson beyond the Standard Model	MALTONI, fabio

Plenary Session (12:00-13:30)

-Conveners: Bruce Mellado

time	[id] title	presenter
12:00	[8] The Tsallis Distribution in High Energy Physics	Dr DEPPMAN, Airton
12:45	[22] Review of (anti-)(hyper-)Nuclei Production and Search for Exotic Baryon States with ALICE at the LHC	Dr SHARMA, Natasha

Plenary Session (17:00-17:45)

time	[id] title	presenter
17:00	[55] Search for Exotics and Higgs Physics beyond the Standard Model with the ATLAS Detector	Dr HAMANO, Kenji

Wednesday 03 December 2014

Plenary Session (09:15-11:30)

-Conveners: Joerg Aichelin

time	[id] title	presenter
09:15	[56] SM Higgs Combination and Higgs Properties Measurements in ATLAS	CRANMER, Kyle
10:00	[15] Heavy-flavor physics with ALICE at the LHC	MASCIOCCHI, Silvia
10:45	[57] ATLAS Physics prospects at the high-luminosity LHC	CLARK, Philip

Plenary Session (12:00-13:30)

-Conveners: Joerg Aichelin

time	[id] title	presenter
12:00	[9] Dynamics of strongly interacting parton-hadron matter	Dr BRATKOVSKAYA, Elena
12:45	[42] Heavy ion physics at LHCb	Dr MUELLER, Katharina

Plenary Session (17:00-17:45)

time	[id] title	presenter
17:00	[4] The physics of heavy-ion collisions - recent insights and open questions	Prof. HEINZ, Ulrich

Thursday 04 December 2014

Plenary Session (10:00-11:30)

-Conveners: John Harris

time	[id] title	presenter
10:00	[58] New Heavy Flavour Results from CMS	Prof. CHIOCHIA, Vincenzo
10:45	[20] Light Flavour Production in the ALICE Experiment	Dr FLORIS, Michele

Plenary Session (12:00-13:30)

-Conveners: John Harris

time	[id] title	presenter
12:00	[59] Searches for New Physics in CP violating observables and rare heavy Quark decays at LHCb	Mr HILL, Donal
12:45	[60] Searches for Supersymmetry with the CMS Detector at the LHC	Dr AUTERMANN, Christian

Plenary Session (17:00-17:45)

time	[id] title	presenter
17:00	[61] Standard Model Higgs Boson at CMS	Dr BONDU, Olivier

Friday 05 December 2014

Plenary Session (10:00-11:30)

time	[id] title	presenter
10:00	[35] SUSY Searches in the ATLAS Experiment	Dr LEE, Lawrence
10:45	[24] Direct Photon and high-pT Particle Production with ALICE	Dr REYGERS, Klaus

Plenary Session (12:00-13:30)

time	[id] title	presenter
12:00	[28] Results from the p-Pb Run at the LHC	Prof. HARRIS, John
12:45	[36] CMS - Past, Present, and Future	Prof. LANDSBERG, Greg

Plenary Session (17:00-17:45)

-Conveners: Siegfried Fortsch

time	[id] title	presenter
17:00	[40] Heavy Ion Physics: A view from 30,000 feet	Dr SCHUKRAFT, Jurgen