

Session Program

Dec 5 - 10, 2010

**Kruger 2010: Workshop on Discovery Physics
at the LHC**

Parallel Session

Protea Kruger Gate Hotel
Kruger National Park, South Africa

Mon, December 6

2:00 PM

Parallel Session: Detector I

Session | **Location:** Protea Kruger Gate Hotel, Hubya, Kruger National Park, South Africa

14:00 - 14:30

The ALICE Electromagnetic Calorimeter EMCAL: its Status and its Physics Capabilities

Speaker

Alessandra Fantoni

14:30 - 15:00

Performance of the ATLAS Inner Tracker

Speaker

Salvador Marti i Garcia

3:00 PM

2:00 PM

Parallel Session: QCD I

Session | **Location:** Protea Kruger Gate Hotel, Ghama, Kruger National Park, South Africa

14:00 - 14:30

Measurement of Transverse Momentum Spectra of identified Hadrons from pp Collisions with the ALICE Experiment

Speaker

Alexander Philipp Kalweit

14:30 - 15:00

Quarkonium and Heavy Flavour Physics with ALICE at the LHC

Speaker

Martino Gagliardi

3:00 PM

2:00 PM

Parallel Session: Standard Model I

Session | **Location:** Protea Kruger Gate Hotel, Bandla II, Kruger National Park, South Africa

14:00 - 14:30

Production of W, Z in ATLAS

Speaker

Zofia Czychula

14:30 - 15:00

Top Quark Studies in ATLAS

Speaker

Aras Papadelis

3:00 PM

2:00 PM

Parallel Session: Student Tutorials I

Session | **Location:** Protea Kruger Gate Hotel, Bandla I, Kruger National Park, South Africa

14:00 - 15:00

From Operators and Lorentz Invariance to Quantum Fields and Gauge Symmetry

Speaker

Prof. Robert de Mello Koch

3:00 PM

3:30 PM

Parallel Session: Detector I

Session | **Location:** Protea Kruger Gate Hotel, Hubya, Kruger National Park, South Africa

15:30 - 16:00 **Performance of the ATLAS Calorimeters**

Speaker
Claudio Santoni

16:00 - 16:30 **Performance of the ATLAS Muon Spectrometer**

Speaker
Marcello Bindi

16:30 - 17:00 **Setting of the ATLAS Jet Energy Scale**

Speaker
Michele Petteni

17:00 - 17:30 **Room available for open discussion**

5:30 PM

3:30 PM

Parallel Session: QCD I

Session | **Location:** Protea Kruger Gate Hotel, Ghama, Kruger National Park, South Africa

15:30 - 16:00 **Particle Production Studies at LHCb**

Speaker
Andrea Contu

16:00 - 16:30 **Inclusive production of jets and dijets at LHCb**

Speaker
Giulio Auriemma

16:30 - 17:30 **Room available for open discussion**

5:30 PM

3:30 PM

Parallel Session: Standard Model I

Session | **Location:** Protea Kruger Gate Hotel, Bandla II, Kruger National Park, South Africa

15:30 - 16:00 **Hard QCD Measurements in ATLAS**

Speaker
Rainer Stamen

16:00 - 16:30 **Soft QCD Measurements in ATLAS**

Speaker
Paul James Laycock

16:30 - 17:30 **Room available for open discussion**

5:30 PM

3:30 PM

Parallel Session: Theory I

Session | **Location:** Protea Kruger Gate Hotel, Bandla I, Kruger National Park, South Africa

15:30 - 16:00 **QFT Discussion**

Speaker
Prof. Robert de Mello Koch

16:00 - 16:30 **Standard Model Discussion**

Speaker
Jonathan R. Ellis

5:30 PM

16:30 - 17:30 **Room available for open discussion**