

**Session Program**

**5-10 Dec 2010**

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

***Parallel Session***

Protea Kruger Gate Hotel  
Kruger National Park, South Africa

# Monday 6 December

14:00

## 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

15:00

14:00

## 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

15:00

14:00

## 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

15:00

14:00

## 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

15:00

15:30

**Parallel Session: Detector I****Session** | **Location:** Protea Kruger Gate Hotel, Hubya, Kruger National Park, South Africa15:30–16:00 **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 Pettei

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

17:30

15:30

**Parallel Session: QCD I****Session** | **Location:** Protea Kruger Gate Hotel, Ghama, Kruger National Park, South Africa15:30–16:00 **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**

17:30

15:30

**Parallel Session: Standard Model I****Session** | **Location:** Protea Kruger Gate Hotel, Bandla II, Kruger National Park, South Africa15:30–16:00 **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**

17:30

15:30

**Parallel Session: Theory I****Session** | **Location:** Protea Kruger Gate Hotel, Bandla I, Kruger National Park, South Africa15:30–16:00 **QFT Discussion****Speaker**

Prof. Robert de Mello Koch

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

**Speaker**

Jonathan R. Ellis

17:30

16:30–17:30

**Room available for open discussion**