

**Session Program**

**1-3 Feb 2017**

**High Energy Particle Physics Workshop 2017**

***Session VI***

iThemba LABS - North  
Cnr Jan Smuts Ave & Empire Road, Braamfontein Private Bag11, WITS 2050, South Africa

# Thursday 2 February

14:00

## Session VI

### Session

**Location:** iThemba LABS - North, Cnr Jan Smuts Ave & Empire Road, Braamfontein Private Bag11, WITS 2050, South Africa

14:00-14:30

### Performance of a resistive plate chamber equipped with a new prototype of amplified front-end electronics

#### Speaker

Massimiliano Marchisone

14:30-14:45

### Measurement of visible cross sections at the LHC

#### Speaker

Sibaliso Mhlanga

14:45-15:00

### AdS/CFT predictions for partonic and fragmented momentum, azimuthal, and rapidity correlations of heavy flavors in heavy ion collisions

#### Speaker

Robert Hambrock

15:00-15:15

### Computing the $qg$ to $qg$ cross section using BCFW on-shell recursion

#### Speaker

Tanjona Radonirina Rabemananjara

15:15-15:30

### Evolution of gauge couplings and Weinberg angle in 5-dimension for $G_2$ gauge group

#### Speaker

Mr Mohammed Omer Khojali

15:30