



## Physical Research Laboratory, Ahmedabad

### SPECIAL COLLOQUIUM - 13 – 33

**Speaker:** Dr. Adam Falkowski

Laboratoire de Physique Theorique in Orsay, France

**Title:** Higgs after LHC run 1

#### Abstract

In this talk the status of the Higgs boson after the first run of the LHC will be discussed and the experimental evidence and the latest measurements of the Higgs boson couplings will be summarized. These results are so far consistent with the predictions of the Standard Model. Conversely, they can be interpreted as constraints on new physics beyond the Standard Model. The up-to-date constraints on new physics derived from the existing Higgs data and from electroweak precision tests will also be presented.

#### The Speaker

Dr. Adam Falkowski received his PhD in 2003 from Warsaw University, Poland. He was a post doctoral fellow at CERN, Switzerland, and in Rutgers University, USA. Currently he is holding a permanent research position in Laboratoire de Physique Theorique in Orsay, France. His research is focused on particle physics phenomenology. His main interest in the recent months has been the study of the Higgs boson, especially in the context of searching for new physics beyond the Standard Model.

**Tuesday: 24 December, 2013, 16:00 hrs**

**K.R. Ramanathan Auditorium, PRL**

**Tea at 15:30 hrs**

**ALL ARE WELCOME**