

**Session Program**

9-12 Jan 2017

**XXIII Cracow EIPHANY Conference on  
Particle Theory Meets the First Data from LHC  
Run2**

***BSM***

Other Institutes

Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences (IFJ PAN), 152  
Radzikowskiego Street, Cracow, Poland

# Thursday 12 January

09:00

## BSM: BSM

**Session** |

**Location:** Other Institutes, Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences (IFJ PAN), 152 Radzikowskiego Street, Cracow, Poland |

**Conveners:** Mikolaj Krzysztof Misiak, Janusz Gluza

09:00–10:00

### BSM at a crossroads - an overview

**Speaker**

Leszek Roszkowski

10:00–10:30

### Two-loop calculation of the Higgs mass in general models and the Goldstone Boson Catastrophe

**Speaker**

Mark Dayvon Goodsell

10:30–11:00

### Colored particle production in new physics at NLO+PS

**Speaker**

Huasheng Shao

11:00–11:30

### Coffee break

11:30–12:00

### The challenges of EFT at LHC

**Speaker**

Aleksandr Azatov

12:00–12:30

### Multi-Scalar production at the LHC and beyond

**Speaker**

Andreas Papaefstathiou

12:30–13:00

### Optimising the Higgs boson CP measurement in Higgs to tau lepton pair decays with ML techniques

**Speaker**

Brian Le

13:00–13:30

### Long-lived Light Scalars at the LHC

**Speaker**

Dr Bhupal Dev

13:30