

## Session Program

7-9 May 2018



## Phenomenology 2018 Symposium

### *Higgs I*

University of Pittsburgh  
Pittsburgh, PA 15260

Monday 7 May

16:30

Higgs I

Session | Location: Benedum Hall, G-31

16:30–16:45    **Measurements of Higgs couplings at CMS**

**Speaker**  
Vincenzo Ciriolo

16:45–17:00  
**Measurement of cross sections and couplings of the Higgs Boson in bosonic decay channels with the ATLAS detector**

**Speaker**  
Stefano Manzoni

17:00–17:15    **Probing the Higgs sector through the offshell region**

**Speaker**  
Dr Zhuoni Qian

17:15–17:30  
**Scale of New Physics from the Higgs observables with Effective Dimension-6 Operators**

**Speaker**  
Prof. Satyanarayan Nandi

17:30–17:45    **Higgs to ZZ and Z $\gamma$  in the SMEFT at NLO**

**Speaker**  
Dr Pier Paolo Giardino

17:45–18:00    **Constraining certain Higgs EFT couplings at the HL-LHC and beyond**

**Speaker**  
Shankha Banerjee

18:00–18:15  
**Contribution of Real Scalar Singlet and Dimension 5 operator in Higgs Physics**

**Speakers**  
Shekhar Adhikari, Shekhar Adhikari

18:15–18:30    **New physics implication of Higgs and Z-pole Precision**

**Speaker**  
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18:30