

## Session Program

7-9 May 2018



## Phenomenology 2018 Symposium

### *Theoretical Developments*

University of Pittsburgh  
Pittsburgh, PA 15260

Monday 7 May

14:15

Theoretical Developments

Session | Location: Benedum Hall, G-28

14:15–14:30 The Constructive SM: Part I

Speaker

Dr Neil Christensen

14:30–14:45

Global  $SU(2)_L \otimes BRST$  symmetry and its LSS theorem: Ward-Takahashi identities governing Green's functions, on-shell T-Matrix elements, and the effective potential, in the scalar-sector of certain spontaneously broken non-Abelian gauge theories

Speaker

Ozenc Gungor

14:45–15:00

A linked cluster expansion for the Functional Renormalization Group of the Legendre effective action

Speaker

Mr Rudrajit Banerjee

15:00–15:15

Finding an EFT for Nearly Conformal Gauge Theories

Speaker

James Ingoldby

15:15–15:30

Towards an Asymptotically Safe Standard Model

Speaker

Dr Zhi-Wei Wang

15:30–15:45

Soft-Collinear Effective Theory for Gravity

Speakers

Mr Arash Yunesi, Arash Yunesi, Arash Yunesi

15:45–16:00

Domain Wall Standard Model

Speaker

Mr Desmond Villalba

16:00