

Session Program

24-26 May 2021



Phenomenology 2021 Symposium

DM VII

University of Pittsburgh
Pittsburgh, PA 15260

Monday 24 May

14:15

DM VII

Session | Convener: Pouya Asadi

14:15–14:30 **Dark-sector physics at Belle II**

Speaker
Katharina Dort

14:30–14:45 **Phenomenology of Inelastic Dark Matter at the SBN Experiments**

Speaker
Joshua Berger

14:45–15:00
Searching for light dark matter at Fermilab's proton-fixed target experiment: DarkQuest

Speakers
Cristina Ana Mantilla Suarez, Yongbin Feng

15:00–15:15 **The Light Dark Matter eXperiment, LDMX**

Speaker
Christian Herwig

15:15–15:30
Detecting Dark Matter with Far-Forward Emulsion and Liquid Argon Detectors at the LHC

Speaker
Sebastian Trojanowski

15:30–15:45 **Exoplanets as Sub-GeV Dark Matter Detectors**

Speaker
Juri Smirnov

15:45–16:00
Machine Learning the 6th Dimension: Stellar Radial Velocities from 5D Phase-Space Correlations

Speaker
Adriana Dropulic

16:00