

Session Program

14-16 Nov 2022

**Dark Interactions: new perspectives for
theory and experiment**

Session II

Online

Sunday 13 November

13:45

Session II

Session | Location: Online | Convener: Máira Dutra

13:45–14:00

Signatures and Detection Prospects for sub-GeV Dark Matter with Superfluid Helium

Speaker

Yining You

14:00–14:15

Fast Moving Dark Matter Interacting with Electrons at Direct Detection Experiments

Speaker

Haider Alhazmi

14:15–14:30

Direct Detection of sub-GeV Hadrophilic Dark Matter

Speaker

Robert McGehee

14:30–14:45

Extending Dark Matter Search Down to Sub-GeV Mass Range

Speaker

Shao-Feng Ge

14:45

Monday 14 November

13:50

Session II

Session | **Location:** Online | **Convener:** Mary Bishai

13:50–14:20 **Long-Lived Particle Searches at the Large Hadron Collider**

Speaker

Matthias Danninger

14:20–14:50 **Overview of New physics searches at the Forward Physics Facility**

Speaker

Sebastian Trojanowski

14:50–15:10 **FASER at the LHC**

Speaker

Tobias Boeckh

15:10–15:25 **Status of millIQan Run 3 Detector**

Speaker

Hualin Mei

15:25