

Session Program

14-16 Nov 2022

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

Session III

Online

Monday 14 November

16:35

Session III

Session | Location: Online | Convener: Mauro Valli

16:35–16:50 **Bounds on Long-lived Dark Matter Mediators from Neutron Stars**

Speaker
Thông Nguyễn Trần Quang

16:50–17:05 **Thermal Misalignment of Ultralight dark matter**

Speaker
Mudit Rai

17:05–17:20
Bounds on ultralight bosons from the Event Horizon Telescope observation of Sgr A^{*}

Speaker
Priyank Parashari

17:20–17:35
Faint light of old neutron stars from dark matter capture and detectability at the James Webb Space Telescope

Speaker
Shiuli Chatterjee

17:35–17:50
A search for dark matter using sub-PeV γ -rays observed by Tibet AS- γ

Speaker
Akash Kumar Saha

17:50

Tuesday 15 November

15:35

Session III

Session | **Location:** Online | **Convener:** Robert McGehee

15:35–16:05

Searching for New Physics with Neutrino Experiments

Speaker

Asli Abdullahi

16:05–16:20

Probing Neutrino Portal Dark Matter: From Colliders to Supernovae

Speaker

Douglas Tuckler

16:20–16:35

Opportunities for Axion Searches at Beam Dumps and Stopped-Pion Facilities

Speaker

Adrian Thompson

16:35