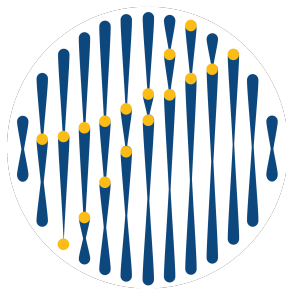


**Session Program**

27-29 Jul 2026



**McDonald Institute**  
**2026 Annual**  
**Community Meeting**

**2026 Canadian Astroparticle Physics  
Community Meeting**

***Astroparticle Physics***

# Wednesday 29 July

09:00

## Astroparticle Physics: New Scientist

Session

09:00–09:30 **Quantum sensing for (very)light dark matter direct detection**

**Speaker**

Ryan Plestid

09:30–10:00 **The search for rare events with cryogenic detectors**

**Speaker**

Matt Stukkel

10:00–10:30 **Talk 3**

**Speaker**

Vijay Iyer

10:30

11:00

## Astroparticle Physics: Theory

Session

11:00–11:20 **Exploring the Dark Sector at Medium-Energy with DarkLight**

**Speaker**

Dean Reiter

11:20–11:40

**Dark Matter-Induced UV Radiation and the Formation of Supermassive Black Hole Seeds**

**Speaker**

Han Wu

11:40–12:00 **Constraining Neutrinophilic Scalars from Electroweak Precision**

**Speaker**

Drona Vatsyayan

12:00–12:20 **Searching for Ultra Heavy Dark Matter in Mica**

**Speaker**

Andrew Buchanan

12:30