Session Program

July 31, 2023 to August 4, 2023

Science Week 2023

Student competition

Tue, August 1

3:40 PM

Student competition

Session | **Location:** TRIUMF Auditorium | **Convener:** Christopher Chambers

3:45 – 3:50 PM **The Regina Cube for Multiple Particles (RCMP)**

Speaker
Cameron Shenton

3:50 – 3:55 PM

Cracking the Calcium Conundrum: Exploring Discrepancies between Observations and Computational Models of Novae

Speaker
Mallory Loria

3:55 – 4:00 PM

CTCTCTCTM (Ciaran and Tobias' Cryogenic Tests for Characterizing Tenacious Charge Trapping and More)

Speakers
Ciaran McDonald-Jensen, Tobias Faehndrich

4:00 – 4:05 PM **Electron-Gamma Separation in Water Cherenkov Detectors**

Speaker
Igal Press

4:05 – 4:10 PM

Can temperature-dependent radioactive clocks tell us where the solar system came from?

Speaker
Guy Leckenby

4:10 – 4:15 PM **Water Monitoring System for Water Cherenkov Detectors**

Speaker
Sahar Taghayor

4:15 – 4:20 PM **No need to wait for years anymore: there is a new (MM-D)GP in town**

Speaker
Antoine Belley

4:20 – 4:25 PM **Surrogate Reactions to Constrain Neutron Capture Cross Sections**

Speaker
Daniel Yates

4:25 – 4:30 PM **ML-Driven Tuning of Beamlines using Bayesian Optimization**

Speaker
Defne Tanyer

4:30 – 4:35 PM **Collinear Laser Spectroscopy performed in a 30 keV MR-ToF device**

4:40 PM

Speaker
Louis Croquette