

# 2023 Canadian Astroparticle Physics Community Meeting



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **PANEL MODERATOR: Ken Clark**

Senior research leaders discuss strategies for the Canadian APP community for the next decade. Topics include ensuring quality science, balancing depth and breadth, determining specific focus areas, participating in international experiments, and coordinating efforts among SNOLAB, McDonald Institute, and TRIUMF.

**Session Classification:** Tasks for the Next Decade of Astroparticle Physics

Contribution ID: 2

Type: **not specified**

## **PRESENTATION and Q&A: Tony Noble**

McDonald Institute Scientific Director will update the community on a developing proposal to continue funding a large network of astroparticle physicists. He will review the most recent multi-institutional funding request led by the Institute and follow-on discussions for a new proposal to expand on the accomplishments supported by CFREF 2016-present.

**Session Classification:** Tasks for the Next Decade of Astroparticle Physics

Contribution ID: 3

Type: **not specified**

## **PANEL MODERATOR: Edward Thomas**

Some of the leading outreach practitioners discuss strategies for attracting and retaining high-quality personnel (HQP), developing skills in and outside of physics, and evaluating the effectiveness of outreach programming.

**Session Classification:** Tasks for the Next Decade of Astroparticle Physics

Contribution ID: 4

Type: **not specified**

## **Gala Dinner (Summer Casual - collared shirts, dress shorts)**

*Thursday 10 August 2023 18:30 (3h 30m)*

Come and celebrate with us and join us in a special toast for Dr. Art McDonald's upcoming milestone! We have booked the beautiful Senior Staff Mess at Royal Military College of Canada for our gala dinner and social event. The facility is on the southeast tip of Kingston's Point Frederick, with an outdoor patio overlooking the convergence of Kaniatarowanéhne and Oniatari:io (Kanyen'kéha names of the St. Lawrence River and Lake Ontario). Appetizers and full dinner service will be provided. Cash bar service for alcoholic beverages.

DRESS CODE: "Slightly" elevated above fully casual dress, but still totally comfortable. (Casual shirts require collars. Shorts need to be dressy [no cutoffs]). See details at: [https://docs.google.com/document/d/1XtGI\\_TrN](https://docs.google.com/document/d/1XtGI_TrN)

TRANSPORTATION: A shuttle transport will be available for the 3 km trip between the main meeting venue (Biosciences Building, Queen's University). Kingston Transit's closest stop is 1 km north of the venue and parking is available at the Sawyer lot approx. 350 m north of the venue.

**Session Classification:** Dinner & Social

Contribution ID: 5

Type: **not specified**

## **Communicating Challenges (Connection Building, Self-Assessment)**

*Tuesday 8 August 2023 13:30 (1h 30m)*

The first part of the workshop develops techniques for establishing deeper professional relationships through strategic communication. Starting with an ice-breaking exercise, we'll focus on communicating challenges for building connections. Participants will identify their own challenges in an interactive session with Nanci Corrigan, with exercises for practical application.

**Session Classification:** Science Communications Workshop

Contribution ID: 6

Type: **not specified**

## **PANEL: Communications Best-Practices in Professional Life**

*Tuesday 8 August 2023 15:30 (1 hour)*

We work in a discipline of Big Ideas and far-reaching research – are there any good ways to make the day-to-day practices of communicating incremental steps, distracting side-issues and procedural necessities not only pleasantly tolerable, but actually professionally rewarding and (just maybe) inspiring? Our panel reflects on a broad range of experiences in the research world to share useful habits, hacks and perspectives that turn ordinary networking events into delightful treasure hunts to unlock our own professional potential as well as that of our colleagues.

**Presenters:** KRAUS, Christine; Mr THOMAS, Edward (Queen's University (Arthur B. McDonald Canadian Astroparticle Physics Research Institute)); Dr CADEN, Erica

**Session Classification:** Science Communications Workshop

Contribution ID: 7

Type: **not specified**

## Speed Networking

*Tuesday 8 August 2023 16:30 (15 minutes)*

A guided exercise in practicing what you've learned in the workshop....

**Session Classification:** Science Communications Workshop

Contribution ID: 8

Type: **not specified**

## Open Networking

*Tuesday 8 August 2023 16:45 (15 minutes)*

**Session Classification:** Science Communications Workshop

Contribution ID: 9

Type: **not specified**

## **SNO+ Update**

*Wednesday 9 August 2023 09:00 (30 minutes)*

**Presenter:** Dr MANECKI, Szymon (SNOLAB)

**Session Classification:** Research Updates and Progress - Biosciences 1101

Contribution ID: **10**

Type: **not specified**

## **DEAP/DarkSide/ARGO Update**

*Wednesday 9 August 2023 09:30 (30 minutes)*

**Presenter:** BOULAY, Mark (Carleton University)

**Session Classification:** Research Updates and Progress - Biosciences 1101

Contribution ID: **11**

Type: **not specified**

## **PICO Update**

*Wednesday 9 August 2023 10:00 (30 minutes)*

**Presenter:** ROBINSON, Alan (Université de Montréal)

**Session Classification:** Research Updates and Progress - Biosciences 1101

Contribution ID: 12

Type: **not specified**

## IceCube Update

*Wednesday 9 August 2023 11:00 (30 minutes)*

**Presenter:** YANEZ, Juan-Pablo (University of Alberta)

**Session Classification:** Research Updates and Progress - Biosciences 1101

Contribution ID: 13

Type: **not specified**

## Theory Update

*Wednesday 9 August 2023 11:30 (30 minutes)*

**Presenter:** VINCENT, Aaron (Queen's University)

**Session Classification:** Research Updates and Progress - Biosciences 1101

Contribution ID: 14

Type: **not specified**

## HALO Update

*Wednesday 9 August 2023 12:00 (30 minutes)*

**Presenter:** Prof. VIRTUE, Clarence (Laurentian University / SNOLAB)

**Session Classification:** Research Updates and Progress - Biosciences 1101

Contribution ID: 15

Type: **not specified**

## Gravitational Waves Update

*Wednesday 9 August 2023 13:30 (30 minutes)*

**Presenters:** MCIVER, Jess; MCIVER, Jessica (University of British Columbia); MCIVER, Jessica (Caltech; LIGO Lab)

**Session Classification:** Research Updates and Progress - Biosciences 1101

Contribution ID: 16

Type: **not specified**

## SKA Update

*Wednesday 9 August 2023 14:00 (30 minutes)*

**Session Classification:** Research Updates and Progress - Biosciences 1101

Contribution ID: 17

Type: **not specified**

## **McDonald Institute Future Update**

*Wednesday 9 August 2023 16:15 (45 minutes)*

**Presenters:** NOBLE, Tony (McDonald Institute); NOBLE, Tony

**Session Classification:** McDonald Institute Future Update (Biosciences 1101)

Contribution ID: **18**

Type: **not specified**

## **NEWS-G Update**

*Thursday 10 August 2023 10:00 (30 minutes)*

**Presenters:** GIROUX, Guillaume (Queen's University); GIROUX, Guillaume

**Session Classification:** Research - Looking to the Future (Biosciences 1101)

Contribution ID: **19**

Type: **not specified**

## **SuperCDMS Update**

*Thursday 10 August 2023 09:30 (30 minutes)*

**Presenter:** HONG, Ziqing (University of Toronto)

**Session Classification:** Research - Looking to the Future (Biosciences 1101)

Contribution ID: **20**

Type: **not specified**

## **P-ONE Update**

*Thursday 10 August 2023 09:00 (30 minutes)*

**Presenter:** KRAUSS, Carsten (University of Alberta)

**Session Classification:** Research - Looking to the Future (Biosciences 1101)

Contribution ID: 21

Type: **not specified**

## Neutrinoless Double Beta Decay Update

*Thursday 10 August 2023 11:00 (30 minutes)*

**Presenter:** Dr CADEN, Erica

**Session Classification:** Research - Looking to the Future (Biosciences 1101)

Contribution ID: 22

Type: **not specified**

## Future WIMPs

*Thursday 10 August 2023 11:30 (30 minutes)*

**Presenter:** BRAMANTE, Joseph (Queen's University & Perimeter Institute)

**Session Classification:** Research - Looking to the Future (Biosciences 1101)

Contribution ID: 23

Type: **not specified**

## **MATHUSLA Update**

*Thursday 10 August 2023 12:00 (30 minutes)*

**Presenters:** DIAMOND, Miriam Deborah Joy (University of Toronto (CA)); DIAMOND, Miriam

**Session Classification:** Research - Looking to the Future (Biosciences 1101)

Contribution ID: 24

Type: **not specified**

## **SBC Update**

*Thursday 10 August 2023 13:30 (30 minutes)*

**Presenter:** CLARK, Kenneth

**Session Classification:** Research - Looking to the Future (Biosciences 1101)

Contribution ID: 25

Type: **not specified**

## **Avalanche Detector update, from SiPM to dark matter search and beyond**

*Thursday 10 August 2023 14:00 (30 minutes)*

**Presenter:** RETIERE, Fabrice

**Session Classification:** Research - Looking to the Future (Biosciences 1101)

Contribution ID: 26

Type: **not specified**

## Claire David

*Wednesday 9 August 2023 18:00 (1 hour)*

Learn more about Dr. David's recent work at: <https://mcdonaldinstitute.ca/news/claire-david/>

**Author:** DAVID, Claire (AIMS)

**Presenter:** DAVID, Claire (AIMS)

**Session Classification:** Career Talk & Social

Contribution ID: 27

Type: **not specified**

## Presentation

**Author:** DAVID, Claire (York University (CA))

**Presenter:** DAVID, Claire (York University (CA))

**Session Classification:** Career Talk & Social