

**TRISEP-2024**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome

*Monday, July 8, 2024 8:30 AM (45 minutes)***Presenters:** CADEN, Erica (SNOLAB); COOLEY, Jodi (SNOLAB); KUULA, Samantha (SNOLAB)

Contribution ID: 2

Type: **not specified**

# Introduction to Dark Matter and Cosmology Session 1

*Monday, July 8, 2024 10:15 AM (1h 30m)***Presenter:** Dr BRAMANTE, Joseph (Queen's)

Contribution ID: 3

Type: **not specified**

## Neutrino Science Session 1

*Monday, July 8, 2024 12:45 PM (1h 30m)*

**Presenter:** Dr BRUNNER, Thomas (McGill)

Contribution ID: 4

Type: **not specified**

# Scientific and High Performance Computing Session 1

*Monday, July 8, 2024 2:30 PM (1h 30m)***Primary author:** KAGAN, Michael (SLAC National Accelerator Laboratory)**Presenter:** KAGAN, Michael (SLAC National Accelerator Laboratory)

Contribution ID: 5

Type: **not specified**

## Group Work Session 1: Introduction of Projects

*Monday, July 8, 2024 4:00 PM (1 hour)*

Contribution ID: 6

Type: **not specified**

## Introduction to the Standard Model Session 2

*Tuesday, July 9, 2024 8:30 AM (1h 30m)***Presenter:** Prof. SEKULA, Stephen (SNOLAB and Queen's University)

Contribution ID: 7

Type: **not specified**

# Introduction to Dark Matter and Cosmology Session 2

*Tuesday, July 9, 2024 10:15 AM (1h 30m)***Presenter:** Dr BRAMANTE, Joseph (Queen's)



Contribution ID: 8

Type: **not specified**

## Neutrino Science Session 2

*Tuesday, July 9, 2024 12:45 PM (1h 30m)*

**Presenter:** Dr BRUNNER, Thomas (McGill)

Contribution ID: 9

Type: **not specified**

## Scientific and High Performance Computing Session 2

*Tuesday, July 9, 2024 2:30 PM (1h 30m)***Primary author:** KAGAN, Michael (SLAC National Accelerator Laboratory)**Presenter:** KAGAN, Michael (SLAC National Accelerator Laboratory)

Contribution ID: **10**

Type: **not specified**

## Group Work Session 2

*Tuesday, July 9, 2024 4:00 PM (1 hour)*

Contribution ID: 11

Type: **not specified**

## Introduction to the Standard Model Session 3

*Wednesday, July 10, 2024 8:30 AM (1h 30m)***Presenter:** Prof. SEKULA, Stephen (SNOLAB and Queen's University)

Contribution ID: 12

Type: **not specified**

# Introduction to Dark Matter and Cosmology Session 3

*Wednesday, July 10, 2024 10:15 AM (1h 30m)***Presenter:** Dr BRAMANTE, Joseph (Queens)

Contribution ID: 13

Type: **not specified**

## Neutrino Science Session 3

*Wednesday, July 10, 2024 12:45 PM (1h 30m)*

**Presenter:** Dr BRUNNER, Thomas (McGill)

Contribution ID: 14

Type: **not specified**

## Scientific and High Performance Computing Session 3

*Wednesday, July 10, 2024 2:30 PM (1h 30m)***Presenter:** KAGAN, Michael (SLAC National Accelerator Laboratory)

Contribution ID: 15

Type: **not specified**

## Group Work Session 3

*Wednesday, July 10, 2024 4:00 PM (1 hour)*



Contribution ID: 16

Type: **not specified**

## Direct Detection of Dark Matter Session 1

*Thursday, July 11, 2024 8:30 AM (1h 30m)***Presenter:** Dr DIAMOND, Miriam (University of Toronto)

Contribution ID: 17

Type: **not specified**

## Low Mass Dark Matter Session 1

*Thursday, July 11, 2024 10:15 AM (1h 30m)***Presenter:** Dr HONG, Ziqing (University of Toronto)

Contribution ID: **18**

Type: **not specified**

## Underground Scientific Research

*Thursday, July 11, 2024 12:45 PM (1h 30m)*

**Presenter:** Dr THOME, Christopher (NOSM)

Contribution ID: 19

Type: **not specified**

# Scientific and High Performance Computing Session 4

*Thursday, July 11, 2024 2:30 PM (1h 30m)***Primary author:** KAGAN, Michael (SLAC National Accelerator Laboratory)**Presenter:** KAGAN, Michael (SLAC National Accelerator Laboratory)

Contribution ID: **20**

Type: **not specified**

## Group Work Session 4

*Thursday, July 11, 2024 4:00 PM (1 hour)*

Contribution ID: 22

Type: **not specified**

## Keynote Address

*Monday, July 15, 2024 3:30 PM (1h 30m)*

**Presenter:** Dr MACK, Katie (Perimeter Institute)

Contribution ID: 24

Type: **not specified**

## Statistics and Modelling Session 1

*Tuesday, July 16, 2024 8:30 AM (1h 30m)***Presenter:** Dr OSER, Scott (UBC)

Contribution ID: 25

Type: **not specified**

# Chemistry of Dark Matter and the Early Universe

*Tuesday, July 16, 2024 10:15 AM (1h 30m)***Presenter:** Dr SHANDERA, Sarah (Penn State)



Contribution ID: 26

Type: **not specified**

# Long Baseline Neutrino Physics Session 1

*Tuesday, July 16, 2024 12:45 PM (1h 30m)***Presenter:** Dr JAMIESON, Blair (University of Winnipeg)

Contribution ID: 27

Type: **not specified**

# Particle Physics at CERN and Beyond the Standard Model Session 1

*Tuesday, July 16, 2024 2:30 PM (1h 30m)***Presenter:** Dr STOLARSKI, Daniel (Carleton)

Contribution ID: **28**

Type: **not specified**

## Group Work Session 6

*Tuesday, July 16, 2024 4:00 PM (1 hour)*

Contribution ID: 29

Type: **not specified**

## Statistics and Modelling Session 2

*Wednesday, July 17, 2024 8:30 AM (1h 30m)*

**Presenter:** Dr OSER, Scott (UBC)

Contribution ID: 30

Type: **not specified**

## Neutrinoless Double Beta Decay Session 1

*Wednesday, July 17, 2024 10:15 AM (1h 30m)***Presenter:** Dr WILSON, Jeanne (Kings College London)

Contribution ID: 31

Type: **not specified**

# Particle Physics at CERN and Beyond the Standard Model

*Wednesday, July 17, 2024 2:30 PM (1h 30m)***Presenter:** Dr STOLARSKI, Daniel (Carleton)

Contribution ID: 32

Type: **not specified**

## Long Baseline Neutrino Physics Session 2

*Wednesday, July 17, 2024 12:45 PM (1h 30m)***Presenter:** Dr JAMIESON, Blair (University of Winnipeg)

Contribution ID: 33

Type: **not specified**

## Group Work Session 7

*Wednesday, July 17, 2024 4:00 PM (1 hour)*



Contribution ID: 34

Type: **not specified**

## Statistics and Modelling Session 3

*Thursday, July 18, 2024 8:30 AM (1h 30m)*

**Presenter:** Dr OSER, Scott (UBC)

Contribution ID: 35

Type: **not specified**

## Neutrinoless Double Beta Decay Session 2

*Thursday, July 18, 2024 10:15 AM (1h 30m)***Presenter:** Dr WILSON, Jeanne (Kings College London)

Contribution ID: 36

Type: **not specified**

## Particle Physics at CERN and Beyond the Standard Model Session 3

*Thursday, July 18, 2024 2:30 PM (1h 30m)***Presenter:** Dr STOLARSKI, Daniel (Carleton)

Contribution ID: 37

Type: **not specified**

## Low Background Materials and Technologies

*Thursday, July 18, 2024 12:45 PM (1h 30m)***Presenter:** Dr WENZ, Daniel (Uni Muenster)

Contribution ID: **38**

Type: **not specified**

## **Group Work Session 8**

*Thursday, July 18, 2024 4:00 PM (1 hour)*

Contribution ID: 39

Type: **not specified**

## Low Background Materials and Technologies

*Friday, July 19, 2024 9:00 AM (1h 30m)*

**Presenter:** WENZ, Daniel (Uni Muenster)

Contribution ID: 40

Type: **not specified**

## Neutrinoless Double Beta Decay Session 3

*Friday, July 19, 2024 10:45 AM (1h 30m)***Presenter:** Dr WILSON, Jeanne (Kings College London)

Contribution ID: 41

Type: **not specified**

## Direct Detection of Dark Matter Session 2

*Friday, July 12, 2024 12:45 PM (1h 30m)***Presenter:** Dr DIAMOND, Miriam (University of Toronto)



Contribution ID: 42

Type: **not specified**

## Low Mass Dark Matter Session 2

*Friday, July 12, 2024 10:15 AM (1h 30m)***Presenter:** Dr HONG, Ziqing (University of Toronto)

Contribution ID: 44

Type: **not specified**

# Scientific and High Performance Computing Session 5

*Friday, July 12, 2024 8:30 AM (1h 30m)***Primary author:** KAGAN, Michael (SLAC National Accelerator Laboratory)**Presenter:** KAGAN, Michael (SLAC National Accelerator Laboratory)

Contribution ID: 45

Type: **not specified**

## Group Work Session 5

*Friday, July 12, 2024 4:00 PM (1 hour)*

Contribution ID: 46

Type: **not specified**

## Virtual Underground Tour

*Monday, July 15, 2024 10:00 AM (2 hours)*

Contribution ID: 47

Type: **not specified**

## Group 7 Presentation

*Friday, July 19, 2024 1:15 PM (20 minutes)*

Contribution ID: 48

Type: **not specified**

## Group 1 Presentation

*Friday, July 19, 2024 1:35 PM (20 minutes)*

Contribution ID: 49

Type: **not specified**

## Group 3 Presentation

*Friday, July 19, 2024 1:55 PM (20 minutes)*

Contribution ID: 50

Type: **not specified**

## Other careers in physics

*Friday, July 12, 2024 2:30 PM (1h 30m)***Presenters:** Dr LIN, Cindy; SCHWENDENER, Michael



Contribution ID: 51

Type: **not specified**

## Surface clean lab tours

*Monday, July 15, 2024 9:00 AM (45 minutes)*

Contribution ID: 53

Type: **not specified**

## Dynamic Earth tours

*Monday, July 15, 2024 1:30 PM (2 hours)*

Contribution ID: 55

Type: **not specified**

# Introduction to the Standard Model Session 1

*Monday, July 8, 2024 9:15 AM (45 minutes)***Presenter:** Prof. SEKULA, Stephen

Contribution ID: 56

Type: **not specified**

## Group 6 Presentation

*Friday, July 19, 2024 2:15 PM (20 minutes)*

Contribution ID: 57

Type: **not specified**

## **Group 4 Presentation - DRUMX**

*Friday, July 19, 2024 2:35 PM (20 minutes)*

Contribution ID: 58

Type: **not specified**

## Group 8 Presentation

*Friday, July 19, 2024 2:55 PM (20 minutes)*

Contribution ID: 59

Type: **not specified**

## Close Out

*Friday, July 19, 2024 3:30 PM (30 minutes)***Presenter:** CADEN, Erica (SNOLAB)