

# **Workshop on Low-Energy Muonium and Muon Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome

*Thursday, 14 July 2022 09:00 (10 minutes)*

**Presenter:** Dr BURKETT, Kevin (Fermilab)

Contribution ID: 2

Type: **not specified**

## **Overview of Low-Energy Muonium Experiments (25 + 5 min.)**

*Thursday, 14 July 2022 09:10 (30 minutes)*

**Presenter:** Prof. KAPLAN, Daniel (Illinois Institute of Technology)

Contribution ID: 3

Type: **not specified**

## **Muonium-Antimuonium Oscillation and the MACS Experiment (25 + 5)**

*Thursday, 14 July 2022 09:40 (30 minutes)*

**Presenter:** Prof. WILLMANN, Lorenz (University of Groningen)

Contribution ID: 4

Type: **not specified**

## **Discussion: Muonium Spectroscopy and the Mu-MASS Experiment (30)**

*Thursday, 14 July 2022 13:30 (30 minutes)*

**Presenter:** ALL

Contribution ID: 5

Type: **not specified**

## **Muonium Production in Superfluid Helium (25 + 5)**

*Thursday, 14 July 2022 12:00 (30 minutes)*

**Presenter:** Dr PHILLIPS, Thomas (Illinois Institute of Technology)

Contribution ID: 6

Type: **not specified**

## **Low-Energy Muons for Muon-Catalyzed Fusion Research (25 + 5)**

*Thursday, 14 July 2022 11:30 (30 minutes)*

**Presenter:** Dr KNAIAN, Ara (NK Labs)

Contribution ID: 7

Type: **not specified**

## **Overview of Low-Energy Muon User Facility at the MTA (15 + 5)**

*Thursday, 14 July 2022 14:00 (20 minutes)*

**Presenter:** Dr JOHNSTONE, Carol (Fermilab)



Contribution ID: 8

Type: **not specified**

## **MTA Muon-Production Studies (15 + 5)**

*Thursday, 14 July 2022 14:20 (20 minutes)*

**Presenter:** Dr MAZZACANE, Anna (Fermilab)

Contribution ID: 9

Type: **not specified**

## Discussion

*Thursday, 14 July 2022 15:45 (45 minutes)*

Contribution ID: **10**

Type: **not specified**

## **Discussion (continued)**

Contribution ID: **11**

Type: **not specified**

## Workshop Summary

*Thursday, 14 July 2022 16:30 (30 minutes)*

Contribution ID: 12

Type: **not specified**

## **MACE Experiment at CSNS (15 + 5)**

*Thursday, 14 July 2022 10:10 (20 minutes)*

**Presenter:** Prof. TANG, Jian (Sun Yat-Sen University)

Contribution ID: 13

Type: **not specified**

## **Low-Energy Muon-Beam Diagnostics (15 + 5)**

*Thursday, 14 July 2022 14:40 (20 minutes)*

**Presenter:** Dr IZZO, Christopher (Fermilab)

Contribution ID: 14

Type: **not specified**

## **Overview of Muon Spin Rotation (25 + 5)**

*Thursday, 14 July 2022 11:00 (30 minutes)*

**Presenter:** Prof. KHAW, Kim Siang

Contribution ID: 15

Type: **not specified**

## **Cold Muonium Negative Ion Production**

*Thursday, 14 July 2022 15:30 (15 minutes)*

**Presenter:** Dr CUMMINGS, Mary Anne (Muons, Inc.)