

# **Manitoba Subatomic Physics Symposium**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Optical magnetometry for the TUCAN nEDM experiment

*Friday, 5 February 2021 14:00 (20 minutes)*

**Presenter:** KLASSEN, Wolfgang (University of Winnipeg)

Contribution ID: 1

Type: **not specified**

## **UCN polarization and analysis and detection**

*Friday, 5 February 2021 14:20 (20 minutes)*

**Primary author:** Mr HANSEN-ROMU, Sean (TRIUMF Japanese-Canadian UCN Collaboration)

**Presenter:** Mr HANSEN-ROMU, Sean (TRIUMF Japanese-Canadian UCN Collaboration)

Contribution ID: 2

Type: **not specified**

## **Magnetic fields for nEDM**

*Friday, 5 February 2021 14:40 (20 minutes)*

**Presenter:** MCCREA, Mark (University of Winnipeg)

Contribution ID: 3

Type: **not specified**

## **Cryogenic models for UCN source**

*Friday, 5 February 2021 15:00 (20 minutes)*

**Presenter:** STARGARDTER, Shawn (University of Winnipeg)

Contribution ID: 4

Type: **not specified**

## **Towards atomic parity violation in Francium**

*Friday, 5 February 2021 15:20 (20 minutes)*

**Presenter:** SHARMA, Anima (University of Manitoba)

Contribution ID: 5

Type: **not specified**

## **Using parity-violating weak interaction to measure neutron matter density and search for new physics**

*Friday, 5 February 2021 15:40 (20 minutes)*

**Presenter:** RAHMAN, Sakib (University of Manitoba)