

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)