

**TUCAN collaboration meeting**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome and Logistics

*Tuesday, 7 August 2018 09:00 (10 minutes)*

**Presenter:** Dr FRANKE, Beatrice (TRIUMF)

**Session Classification:** Tue 1

Contribution ID: 1

Type: **not specified**

## **Project Management: status, WBS, budget, requirement documents**

*Tuesday, 7 August 2018 09:10 (25 minutes)*

**Presenter:** GIBSON, Chris (TRIUMF)

**Session Classification:** Tue 1

Contribution ID: 2

Type: **not specified**

## **UCN 2017 data analysis - analysis overview**

*Tuesday, 7 August 2018 09:35 (15 minutes)*

**Presenter:** Ms ANDALIB, Taraneh (University of Manitoba/TRIUMF/University of Winnipeg)

**Session Classification:** Tue 1

Contribution ID: 3

Type: **not specified**

## **UCN transmission data 2017 (PSI + TRIUMF)**

**Presenters:** Dr PIERRE, Edgard (TRIUMF); Mr SIDHU, Steve (SFU/TRIUMF)

Contribution ID: 4

Type: **not specified**

## **Next generation UCN source overview and CDR review outcome**

*Tuesday, 7 August 2018 11:05 (20 minutes)*

**Presenter:** Dr KAWASAKI, Shinsuke (KEK)

**Session Classification:** Tue 2

Contribution ID: 5

Type: **not specified**

## **New Source 3D Model & Area Layout**

*Tuesday, 7 August 2018 11:25 (20 minutes)*

**Presenters:** MARSHALL, Cam; HORN, Sean

**Session Classification:** Tue 2

Contribution ID: 6

Type: **not specified**

## **LD2 system update**

*Tuesday, 7 August 2018 11:45 (20 minutes)*

**Presenter:** MARSHALL, Cam

**Session Classification:** Tue 2



Contribution ID: 7

Type: **not specified**

## **UCN transport simulations**

*Tuesday, 7 August 2018 13:25 (20 minutes)*

**Presenter:** SIDHU, Steve

**Session Classification:** Tue 3

Contribution ID: **8**

Type: **not specified**

## UCN guides

**Presenters:** Dr PIERRE, Edgard (TRIUMF); MAMMEI, Russ

Contribution ID: 9

Type: **not specified**

## QA Li6 detector data

*Tuesday, 7 August 2018 14:05 (30 minutes)*

**Presenter:** Dr GLAMPA, Pietro (TRIUMF)

**Session Classification:** Tue 3

Contribution ID: **10**

Type: **not specified**

## Static Heat Load

*Wednesday, 8 August 2018 09:15 (15 minutes)*

**Presenter:** Dr MATSUMIYA, Ryohei (TRIUMF)

**Session Classification:** Wed 1

Contribution ID: **11**

Type: **not specified**

## **He II calcs**

*Wednesday, 8 August 2018 09:30 (25 minutes)*

**Presenter:** Dr KAWASAKI, Shinsuke (KEK)

**Session Classification:** Wed 1

Contribution ID: 12

Type: **not specified**

## **Moderator & Shielding**

**Presenter:** Dr SCHREYER, Wolfgang (TRIUMF)

Contribution ID: **13**

Type: **not specified**

**VCN**

**Presenter:** KITAGUCHI

Contribution ID: 14

Type: **not specified**

## **2018 UCN run plan and priorities**

*Wednesday, 8 August 2018 09:55 (20 minutes)*

**Presenter:** Dr PICKER, Ruediger (TRIUMF)

**Session Classification:** Wed 1



Contribution ID: 15

Type: **not specified**

## **UCN handling update from Winnipeg**

*Wednesday, 8 August 2018 13:10 (20 minutes)*

**Presenter:** MAMMEI, Russ

**Session Classification:** Wed 3

Contribution ID: 16

Type: **not specified**

## **Discussion Mechanical Support**

**Presenter:** HICKS, Myles

Contribution ID: 17

Type: **not specified**

## **Li6 Detector Update for Fall 2018**

*Wednesday, 8 August 2018 13:30 (15 minutes)*

**Presenters:** Mr HANSEN-ROMU, Sean (TRIUMF Japanese-Canadian UCN Collaboration); JAMIESON, blair (University of Winnipeg)

**Session Classification:** Wed 3

Contribution ID: **18**

Type: **not specified**

## **Novel neutron reflectors**

*Wednesday, 8 August 2018 09:00 (15 minutes)*

**Presenter:** MISHIMA, Kenji

**Session Classification:** Wed 1

Contribution ID: **19**

Type: **not specified**

## **Raster Magnet**

*Wednesday, 8 August 2018 12:05 (10 minutes)*

**Presenter:** DAVIS, Chuck

**Session Classification:** Wed 2

Contribution ID: 20

Type: **not specified**

## **BL1U: components, handover, paper**

*Wednesday, 8 August 2018 11:25 (40 minutes)*

**Presenter:** Dr PICKER, Ruediger (TRIUMF)

**Session Classification:** Wed 2

Contribution ID: 21

Type: **not specified**

## **precession cell, HV, cell vacuum**

*Thursday, 9 August 2018 11:20 (20 minutes)*

**Presenter:** Dr KUCHLER, Florian (TRIUMF)

**Session Classification:** Thu 2

Contribution ID: 22

Type: **not specified**

## Superconducting Magnet Warm Bore

*Wednesday, 8 August 2018 11:10 (15 minutes)*

**Presenters:** HATANAKA, Kichiji; Dr SCHREYER, Wolfgang (TRIUMF)

**Session Classification:** Wed 2



Contribution ID: 23

Type: **not specified**

## Inner Coil Systems

*Wednesday, 8 August 2018 16:00 (20 minutes)*

**Presenter:** Prof. BIDINOSTI, Christopher (University of Winnipeg)

**Session Classification:** Wed 4

Contribution ID: 24

Type: **not specified**

## **Magnetically Shielded Room**

*Wednesday, 8 August 2018 15:40 (20 minutes)*

**Presenter:** MAMMEI, Russ

**Session Classification:** Wed 4

Contribution ID: 25

Type: **not specified**

## **SSA & Detectors**

*Thursday, 9 August 2018 11:55 (20 minutes)*

**Presenter:** JAMIESON, blair (University of Winnipeg)

**Session Classification:** Thu 2

Contribution ID: 26

Type: **not specified**

# Comagnetometer I

*Thursday, 9 August 2018 09:50 (25 minutes)*

**Presenter:** MILLER, Eric

**Session Classification:** Thu 1

Contribution ID: 27

Type: **not specified**

## **Inner Magnetometers**

*Wednesday, 8 August 2018 16:20 (20 minutes)*

**Presenter:** Prof. MARTIN, Jeffery (The University of Winnipeg)

**Session Classification:** Wed 4

Contribution ID: 28

Type: **not specified**

## **Data structure, data taking, analysis strategy, automation**

*Wednesday, 8 August 2018 14:15 (20 minutes)*

**Presenter:** MISHIMA, Kenji

**Session Classification:** Wed 3

Contribution ID: 29

Type: **not specified**

## **Ambient Magnetic Field Control**

*Thursday, 9 August 2018 09:00 (20 minutes)*

**Presenter:** Prof. MARTIN, Jeffery (The University of Winnipeg)

**Session Classification:** Thu 1

Contribution ID: **30**

Type: **not specified**

## **Mesonhall B-field Monitoring**

*Thursday, 9 August 2018 09:20 (20 minutes)*

**Presenter:** CUDMORE, Elspeth

**Session Classification:** Thu 1



Contribution ID: **31**

Type: **not specified**

## Gradiometer

*Thursday, 9 August 2018 09:40 (10 minutes)*

**Presenter:** CHIGMAROFF, Nadia

**Session Classification:** Thu 1

Contribution ID: **32**

Type: **not specified**

## **EDM Systematics**

*Wednesday, 8 August 2018 15:00 (40 minutes)*

**Presenter:** VANBERGEN, Sean

**Session Classification:** Wed 4

Contribution ID: 33

Type: **not specified**

## **nEDM CDR strategy**

*Thursday, 9 August 2018 14:20 (15 minutes)*

**Presenter:** Dr FRANKE, Beatrice (TRIUMF)

**Session Classification:** Thu 3

Contribution ID: **34**

Type: **not specified**

## **EDM cell valve**

*Thursday, 9 August 2018 11:40 (15 minutes)*

**Presenter:** VANBERGEN, Sean

**Session Classification:** Thu 2

Contribution ID: 35

Type: **not specified**

## **nEDM open questions & Brainstorm: guides, guiding fields, switches, mapper, squids, DAQ**

*Thursday, 9 August 2018 14:35 (25 minutes)*

**Session Classification:** Thu 3

Contribution ID: **36**

Type: **not specified**

## **EC report, MOU**

*Thursday, 9 August 2018 13:30 (20 minutes)*

**Presenters:** Prof. MARTIN, Jeffery (The University of Winnipeg); HATANAKA, Kichiji

**Session Classification:** Thu 3

Contribution ID: 37

Type: **not specified**

## Status of Papers and Conference Talks

*Thursday, 9 August 2018 13:50 (30 minutes)*

**Presenter:** Prof. MARTIN, Jeffery (The University of Winnipeg)

**Session Classification:** Thu 3

Contribution ID: **38**

Type: **not specified**

## **UCN 2017 data analysis - temperature dependence and publication**

*Tuesday, 7 August 2018 09:50 (15 minutes)*

**Presenter:** Dr SCHREYER, Wolfgang (TRIUMF)

**Session Classification:** Tue 1



Contribution ID: 39

Type: **not specified**

## **UCN 2017 data analysis - transmission measurements**

*Tuesday, 7 August 2018 10:05 (15 minutes)*

**Presenter:** Mr SIDHU, Steve (SFU/TRIUMF)

**Session Classification:** Tue 1

Contribution ID: 40

Type: **not specified**

## **2017 UCN data analysis - PSI transmission measurement**

*Tuesday, 7 August 2018 10:20 (15 minutes)*

**Presenter:** Dr PIERRE, Edgard (TRIUMF)

**Session Classification:** Tue 1

Contribution ID: 41

Type: **not specified**

## UCN transport requirements

*Tuesday, 7 August 2018 12:05 (20 minutes)*

**Presenter:** Dr PICKER, Ruediger (TRIUMF)

**Session Classification:** Tue 2

Contribution ID: 42

Type: **not specified**

## **Moderator and shielding layout for the new UCN source**

*Tuesday, 7 August 2018 13:45 (20 minutes)*

**Presenter:** Dr SCHREYER, Wolfgang (TRIUMF)

**Session Classification:** Tue 3

Contribution ID: 43

Type: **not specified**

## **Vertical UCN source controls update**

*Wednesday, 8 August 2018 13:45 (15 minutes)*

**Presenter:** Dr KUCHLER, Florian (TRIUMF)

**Session Classification:** Wed 3

Contribution ID: 44

Type: **not specified**

## **UCNDAQ and valve control update**

*Wednesday, 8 August 2018 14:00 (15 minutes)*

**Presenter:** LINDNER, Thomas

**Session Classification:** Wed 3

Contribution ID: 45

Type: **not specified**

## **Two EDM cells - and now?**

*Thursday, 9 August 2018 12:15 (20 minutes)*

**Presenter:** VANBERGEN, Sean

**Session Classification:** Thu 2

Contribution ID: 46

Type: **not specified**

## Comagnetometer II

*Thursday, 9 August 2018 10:55 (25 minutes)*

**Presenter:** Mr LANG, Michael (University of Manitoba)

**Session Classification:** Thu 2



Contribution ID: 47

Type: **not specified**

## Heat exchanger simulation

*Tuesday, 7 August 2018 15:35 (20 minutes)*

**Presenter:** OKAMURA, T.

**Session Classification:** Tue 4

Contribution ID: 48

Type: **not specified**

## **NMOR based magnetometer**

*Wednesday, 8 August 2018 16:40 (20 minutes)*

**Presenter:** DAS, Moushumi

**Session Classification:** Wed 4