TUCAN Collaboration Meeting
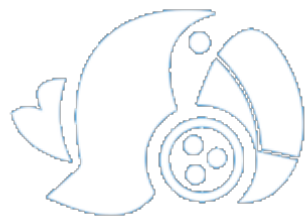
Report of Contributions

Contribution ID: **1**
Type: **not specified**

UCN resuts 2025/2026

Tuesday, 17 February 2026 10:30 (30 minutes)

Presenter: PICKER, Ruediger (TRIUMF)

Session Classification: Source 1

Contribution ID: **2**   Type: **not specified**

Analysis review from TUCAN source summer run

Tuesday, 17 February 2026 11:00 (30 minutes)

Presenter: FUJIMOTO, Derek (TRIUMF)

Session Classification: Source 1

Contribution ID: **3**　　　　　　　　　　　　　　　　Type: **not specified**

Alexis slides

Tuesday, 17 February 2026 11:30 (30 minutes)

Presenter:　BROSSARD, Alexis (TRIUMF)

Session Classification:　Source 1

Contribution ID: **4** Type: **not specified**

PULSTAR UCN source update and possibly measurement of LHe thermal conductivity

Tuesday, 17 February 2026 12:00 (30 minutes)

Presenter: KOROBKINA, Ekaterina

Session Classification: Source 1

Contribution ID: **5**   Type: **not specified**

Update on the guide coating facility (tubes and flat plates)

Tuesday, 17 February 2026 13:30 (30 minutes)

Presenter: MAMMEI, Russell (The university of Winnipeg)

Session Classification: Developments

Contribution ID: **6** Type: **not specified**

Update on the development of the CF4 detector

Tuesday, 17 February 2026 14:00 (30 minutes)

Presenter: TUSHAR

Session Classification: Developments

Contribution ID: **7** Type: **not specified**

DAQ Updates

Tuesday, 17 February 2026 14:30 (30 minutes)

Presenter: FUJIMOTO, Derek (TRIUMF)

Session Classification: Developments

Contribution ID: **8**   Type: **not specified**

Excursion details

Presenter: BARRÓN-PALOS, Libertad (Universidad Nacional Autónoma de México)

Contribution ID: **9**　　　　　　　　　　　　　　　　　　　　　　Type: **not specified**

Cold neutron measurements

Wednesday, 18 February 2026 09:00 (30 minutes)

Presenter:　FUJITANI, Ryuto

Session Classification:　Source 2

Contribution ID: **10**　　　　　　　　　　　　　　　　　　Type: **not specified**

Energey spectrum from chopper

Wednesday, 18 February 2026 09:30 (30 minutes)

Presenter: QIAO, Kelin

Session Classification: Source 2

Contribution ID: **11**   Type: **not specified**

Update on the heating test of superfluid helium

Wednesday, 18 February 2026 10:30 (30 minutes)

Presenter: KAWASAKI, Shinsuke (KEK)

Session Classification: Source 3

Contribution ID: **12** Type: **not specified**

Flammable gas detection system installed for the LD2 operation

Wednesday, 18 February 2026 11:00 (30 minutes)

Presenter: DONG, Kate

Session Classification: Source 3

Contribution ID: **13**
Type: **not specified**

Status report on superleak

Wednesday, 18 February 2026 11:30 (30 minutes)

Presenter: ABE, Kaito

Session Classification: Source 3

Contribution ID: **14** Type: **not specified**

MSR paper

Wednesday, 18 February 2026 12:00 (30 minutes)

Presenter: FUJIMOTO, Derek (TRIUMF)

Session Classification: Source 3

Contribution ID: **15**   Type: **not specified**

Advantages of Frequency Offset Separated Oscillatory Fields (FOSOF), a variation of the Ramsey SOF method, and how it may be used in nEDM

Wednesday, 18 February 2026 15:30 (30 minutes)

Presenter: GALARRITA, Kirk Angelo Manuel L.

Session Classification: EDM 1

Contribution ID: **16**   Type: **not specified**

Critical compants for an nEDM meausrents

Wednesday, 18 February 2026 16:00 (30 minutes)

Presenter: YAZDANDOOST, Noah (TRIUMF)

Session Classification: EDM 1

Contribution ID: **17**   Type: **not specified**

Potential statistical and systematic reach of OC100

Thursday, 19 February 2026 09:00 (30 minutes)

Presenter: VANBERGEN, Sean (TRIUMF)

Session Classification: EDM 2

Contribution ID: **18**
Type: **not specified**

Status and plan for the central region

Friday, 20 February 2026 09:30 (30 minutes)

Presenter: VANBERGEN, Sean (TRIUMF)

Session Classification: EDM 4

Contribution ID: **19** Type: **not specified**

OC100 Guides

Thursday, 19 February 2026 10:15 (30 minutes)

Presenter: PICKER, Ruediger (TRIUMF)

Session Classification: EDM 2

Contribution ID: **20**

Type: **not specified**

Current state of the B coil assembly and what its taken to get to where we are with it

Presenter: MCCREA, Mark

Session Classification: EDM 2

Contribution ID: **21**   Type: **not specified**

Current state of the B coil assembly and what its taken to get to where we are with it

Thursday, 19 February 2026 13:45 (30 minutes)

Presenter: MCCREA, Mark

Session Classification: EDM 3

Contribution ID: **22** Type: **not specified**

Updates on B0 and B1 coils

Thursday, 19 February 2026 14:15 (30 minutes)

Presenter: MOHAMMADI, Tahereh

Session Classification: EDM 3

Contribution ID: **23** Type: **not specified**

EDM 4

Contribution ID: **24**   Type: **not specified**

Guiding coils

Friday, 20 February 2026 09:00 (30 minutes)

Presenter: STUTTERS, Rylan

Session Classification: EDM 4

Contribution ID: **25**   Type: **not specified**

Shim coils

Thursday, 19 February 2026 09:30 (30 minutes)

Presenters: JAISON, Amala; MCCREA, Mark

Session Classification: EDM 2

Contribution ID: **26**　　　　　　　　　　　　　　　　　　Type: **not specified**

Ambient fields + MSR

Friday, 20 February 2026 10:15 (30 minutes)

Presenter:　RUÍZ-MARTÍNEZ, Erika

Session Classification:　EDM 4

Contribution ID: **27**   Type: **not specified**

Recent light shift measurements

Friday, 20 February 2026 10:45 (30 minutes)

Presenter: KLASSEN, Wolfgang (University of British Columbia)

Session Classification: EDM 4

Contribution ID: **28**

Type: **not specified**

Discussion 5

Presenter: YAZDANDOOST, Noah (TRIUMF)

Session Classification: EDM 4

Contribution ID: **29**
Type: **not specified**

B0 coil installation

Thursday, 19 February 2026 14:45 (15 minutes)

Presenter: MASSACRET, Nicolas (TRIUMF)

Session Classification: EDM 3

Contribution ID: **30** Type: **not specified**

test1

Contribution ID: **31** Type: **not specified**

test2

Contribution ID: **32** Type: **not specified**

test3

Contribution ID: **33**   Type: **not specified**

test4