

PTOLEMY General Meeting in Princeton

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, November 6, 2023 9:30 AM (15 minutes)

Presenter: TULLY, Christopher (Princeton University, USA)

Session Classification: Monday Morning

Contribution ID: 2

Type: **not specified**

PTOLEMY Overview

Monday, November 6, 2023 9:45 AM (30 minutes)

Presenter: COLIJN, Auke (University of Amsterdam / Nikhef)

Session Classification: Monday Morning

Contribution ID: 3

Type: **not specified**

Project 8: Overview

Monday, November 6, 2023 10:15 AM (30 minutes)

Presenter: STACHURSKA, Juliana (MIT)

Session Classification: Monday Morning

Contribution ID: 4

Type: **not specified**

4

Session Classification: Monday Morning

Contribution ID: 5

Type: **not specified**

1

Session Classification: Monday Morning

Contribution ID: 6

Type: **not specified**

2

Session Classification: Monday Morning

Contribution ID: 7

Type: **not specified**

3

Session Classification: Monday Morning

Contribution ID: **8**

Type: **not specified**

4

Session Classification: Monday Morning

Contribution ID: **9**

Type: **not specified**

1

Contribution ID: **10**

Type: **not specified**

2

Contribution ID: **11**

Type: **not specified**

3

Contribution ID: **12**

Type: **not specified**

4

Contribution ID: **13**

Type: **not specified**

1

Contribution ID: **14**

Type: **not specified**

2

Contribution ID: **15**

Type: **not specified**

3

Contribution ID: **16**

Type: **not specified**

4

Contribution ID: 17

Type: **not specified**

1

Contribution ID: **18**

Type: **not specified**

2

Contribution ID: **19**

Type: **not specified**

3

Contribution ID: **20**

Type: **not specified**

1

Contribution ID: **21**

Type: **not specified**

2

Contribution ID: 22

Type: **not specified**

3

Contribution ID: **23**

Type: **not specified**

4

Contribution ID: 24

Type: **not specified**

1

Contribution ID: 25

Type: **not specified**

2

Contribution ID: 26

Type: **not specified**

3

Contribution ID: 27

Type: **not specified**

4

Contribution ID: **28**

Type: **not specified**

1

Contribution ID: **29**

Type: **not specified**

2

Contribution ID: **30**

Type: **not specified**

3

Contribution ID: **31**

Type: **not specified**

4

Contribution ID: **32**

Type: **not specified**

1

Contribution ID: **33**

Type: **not specified**

2

Contribution ID: **34**

Type: **not specified**

3

Contribution ID: 35

Type: **not specified**

4

Contribution ID: **36**

Type: **not specified**

1

Contribution ID: 37

Type: **not specified**

2

Contribution ID: **38**

Type: **not specified**

3

Contribution ID: 39

Type: **not specified**

A roadmap towards the measurement of the neutrino mass with PTOLEMY

Monday, November 6, 2023 11:00 AM (30 minutes)

Presenter: ESPOSITO, Angelo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Monday Morning

Contribution ID: 40

Type: **not specified**

Properties of tritiated graphene

Monday, November 6, 2023 11:30 AM (30 minutes)

Presenter: TOZZINI, Valentina (Istituto Nanoscienze Cnr - NEST-Pisa)

Session Classification: Monday Morning

Contribution ID: 41

Type: **not specified**

Challenges and ideas for the absorption of the relic neutrino

Monday, November 6, 2023 12:00 PM (30 minutes)

Presenter: CASALE, Andrea

Session Classification: Monday Morning

Contribution ID: 42

Type: **not specified**

Update on preparation and hydrogenation of suspended graphene

Monday, November 6, 2023 2:15 PM (30 minutes)

Presenter: APPONI, Alice (Università Roma Tre)

Session Classification: Monday Afternoon

Contribution ID: 43

Type: **not specified**

Update of Application of Electron Energy Analysers in the Ptolemy Project

Monday, November 6, 2023 3:50 PM (15 minutes)

Presenter: RUOCCO, Alessandro (Università Roma Tre)

Session Classification: Monday Afternoon

Contribution ID: 44

Type: **not specified**

Carbon Nanotubes as Cold Electron Source

Monday, November 6, 2023 4:05 PM (30 minutes)

Presenter: PANDOLFI, Francesco (INFN Rome)

Session Classification: Monday Afternoon

Contribution ID: 45

Type: **not specified**

Study of TES response to low energy electrons at Milano-Bicocca

Tuesday, November 7, 2023 3:00 PM (20 minutes)

Presenter: NUCCIOTTI, Angelo Enrico Lodovico (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tuesday Afternoon

Contribution ID: 46

Type: **not specified**

Target Packaging of PTOLEMY detector

Tuesday, November 7, 2023 3:20 PM (30 minutes)

Presenter: Dr VIRZI, Federico (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tuesday Afternoon

Contribution ID: 47

Type: **not specified**

Amsterdam RF activites

Tuesday, November 7, 2023 10:00 AM (30 minutes)

Presenter: MEAD, James Vincent

Session Classification: Tuesday Morning

Contribution ID: 48

Type: **not specified**

Princeton RF activities

Tuesday, November 7, 2023 9:30 AM (30 minutes)

Presenter: IWASAKI, Yuno (Princeton University)

Session Classification: Tuesday Morning

Contribution ID: 49

Type: **not specified**

Hydrogenated graphene in a magnetic field

Monday, November 6, 2023 2:45 PM (30 minutes)

Presenter: VAN RENS, Inge (Radboud University Nijmegen)

Session Classification: Monday Afternoon

Contribution ID: **50**

Type: **not specified**

RF electronics

Presenter: NAAFS, Michael

Session Classification: Tuesday Morning

Contribution ID: 51

Type: **not specified**

Project 8 Modeling (Locust)

Tuesday, November 7, 2023 11:45 AM (30 minutes)

Presenter: SLOCUM, Penny (Yale University)

Session Classification: Tuesday Morning

Contribution ID: 52

Type: **not specified**

Status of chamber for tritiated graphene

Monday, November 6, 2023 3:15 PM (20 minutes)

Primary author: CAVOTO, Gianluca (Istituto Nazionale di Fisica Nucleare)

Presenter: CAVOTO, Gianluca (Istituto Nazionale di Fisica Nucleare)

Session Classification: Monday Afternoon

Contribution ID: 53

Type: **not specified**

RF Slow Drift

Tuesday, November 7, 2023 11:15 AM (30 minutes)

Presenters: TAN, Andi; FARINO, Mark (Princeton University)

Session Classification: Tuesday Morning

Contribution ID: 54

Type: **not specified**

LNGS Electron Trap Update

Tuesday, November 7, 2023 10:30 AM (30 minutes)

Presenter: Dr VIRZI, Federico (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tuesday Morning

Contribution ID: 55

Type: **not specified**

Neutrino mass sensitivity with the Ptolemy demonstrator: approach 1

Tuesday, November 7, 2023 4:05 PM (30 minutes)

Presenter: NUCCIOTTI, Angelo Enrico Lodovico (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tuesday Afternoon

Contribution ID: 56

Type: **not specified**

Neutrino mass sensitivity with the Ptolemy demonstrator: approach 2

Tuesday, November 7, 2023 4:35 PM (30 minutes)

Presenter: ROSSI, Nicola (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tuesday Afternoon

Contribution ID: 57

Type: **not specified**

PTOLEMY Overview

Wednesday, November 8, 2023 10:30 AM (30 minutes)

Presenter: TULLY, Christopher (Princeton University, USA)

Session Classification: Wednesday Morning

Contribution ID: 58

Type: **not specified**

Theory summary

Wednesday, November 8, 2023 11:00 AM (15 minutes)

Presenter: ESPOSITO, Angelo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Wednesday Morning

Contribution ID: 59

Type: **not specified**

Target summary

Wednesday, November 8, 2023 11:15 AM (15 minutes)

Presenter: CAVOTO, Gianluca (Istituto Nazionale di Fisica Nucleare)

Session Classification: Wednesday Morning

Contribution ID: **60**

Type: **not specified**

RF summary

Wednesday, November 8, 2023 11:30 AM (15 minutes)

Presenter: MEAD, James Vincent

Session Classification: Wednesday Morning

Contribution ID: **61**

Type: **not specified**

TES summary

Wednesday, November 8, 2023 11:45 AM (15 minutes)

Presenter: Dr RAJTERI, Mauro (Istituto Nazionale di Ricerca Metrologica)

Session Classification: Wednesday Morning

Contribution ID: **62**

Type: **not specified**

LNGS summary

Wednesday, November 8, 2023 12:00 PM (15 minutes)

Presenter: MESSINA, Marcello (Istituto Nazionale di Fisica Nucleare)

Session Classification: Wednesday Morning

Contribution ID: 63

Type: **not specified**

Update on TES development at INRiM

Tuesday, November 7, 2023 2:30 PM (30 minutes)

Presenter: Dr RAJTERI, Mauro (Istituto Nazionale di Ricerca Metrologica)

Session Classification: Tuesday Afternoon

Contribution ID: **64**

Type: **not specified**

E-gun and Target Geometry Studies

Monday, November 6, 2023 4:35 PM (20 minutes)

Presenter: TULLY, Christopher (Princeton University, USA)

Session Classification: Monday Afternoon

Contribution ID: 65

Type: **not specified**

Report on Magnet Construction at LNGS

Tuesday, November 7, 2023 5:05 PM (30 minutes)

Presenter: MESSINA, Marcello (Istituto Nazionale di Fisica Nucleare)

Session Classification: Tuesday Afternoon