

PTOLEMY Collaboration Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Session Classification: Welcome session

Contribution ID: 2

Type: **not specified**

Overview on the PTOLEMY project

Session Classification: Welcome session

Contribution ID: 3

Type: **not specified**

Social Dinner Downtown

Monday, 26 June 2023 20:00 (2 hours)

Contribution ID: 4

Type: **not specified**

Lorentz4 and analyses code development (Nicola)

Session Classification: Full chain simulation of the transfer function

Contribution ID: 5

Type: **not specified**

Measurement of electron transport with Princeton magnet (Mark,Andi)

Session Classification: Full chain simulation of the transfer function

Contribution ID: 6

Type: **not specified**

Simulation of transfer function with analytical functions in Lorentz4 (Wonyong,Chris)

Session Classification: Full chain simulation of the transfer function

Contribution ID: 7

Type: **not specified**

Study of bound states in tritium decay (Angelo + student)

Monday, 26 June 2023 10:00 (15 minutes)

Session Classification: Theory

Contribution ID: 8

Type: **not specified**

Comments on coherent effects (Angelo + Guglielmo)

Monday, 26 June 2023 10:15 (15 minutes)

Session Classification: Theory

Contribution ID: 9

Type: **not specified**

Calculator of Fullerene encapsulation (Valentina Tozzini)

Monday, 26 June 2023 10:30 (10 minutes)

Session Classification: Theory

Contribution ID: **10**

Type: **not specified**

Updates from Roma Tre: Graphene breaking, H-source commissioning, NPG hydrogenation(Alice)

Monday, 26 June 2023 10:40 (20 minutes)

Session Classification: Graphene

Contribution ID: 11

Type: **not specified**

Status of tritiated graphene (Gianluca/Carlo)

Monday, 26 June 2023 11:15 (15 minutes)

Session Classification: Graphene

Contribution ID: 12

Type: **not specified**

Graphene activities in Amsterdam (Nicolo', Radboud University Nijmegen)

Monday, 26 June 2023 11:30 (15 minutes)

Session Classification: Graphene

Contribution ID: 13

Type: **not specified**

Electrostatic analyser for electrons (Alessandro/Postdoc)

Monday, 26 June 2023 11:45 (20 minutes)

Session Classification: Electron Source and detectors

Contribution ID: 14

Type: **not specified**

RF measurement with electron form 83mKr(Federico)

Monday, 26 June 2023 12:05 (20 minutes)

Session Classification: Electron Source and detectors

Contribution ID: 15

Type: **not specified**

Direct e-gun injection into filter (Chris)

Monday, 26 June 2023 12:25 (20 minutes)

Session Classification: Electron Source and detectors

Contribution ID: 16

Type: **not specified**

CNT Field emission for cryo electron source (Francesco / Andrei)

Monday, 26 June 2023 12:45 (15 minutes)

Session Classification: Electron Source and detectors

Contribution ID: 17

Type: **not specified**

CNT hydrogenation (Carlo)

Monday, 26 June 2023 13:00 (15 minutes)

Session Classification: Electron Source and detectors

Contribution ID: **18**

Type: **not specified**

Report from the ASG/Suprasys companies (Santiago/Matteo)

Session Classification: Demonstrator

Contribution ID: 19

Type: **not specified**

Global demonstrator design assembly (Alfredo/Ilaria)

Session Classification: Demonstrator

Contribution ID: 20

Type: **not specified**

Antenna simulation studies (Andi)

Monday, 26 June 2023 15:30 (20 minutes)

Session Classification: RF detection

Contribution ID: **21**

Type: **not specified**

RF work at Nikhef (James / Saad)

Monday, 26 June 2023 15:50 (20 minutes)

Session Classification: RF detection

Contribution ID: 22

Type: **not specified**

Front-end and digital electronic (Guido)

Monday, 26 June 2023 16:10 (20 minutes)

Session Classification: RF detection

Contribution ID: 23

Type: **not specified**

General discussion on future plan to build and run the demonstrator

Session Classification: General discussion

Contribution ID: 24

Type: **not specified**

Budget status and strategy

Session Classification: General discussion

Contribution ID: 25

Type: **not specified**

Future papers

Session Classification: General discussion

Contribution ID: 28

Type: **not specified**

TES Development (Hobey)

Session Classification: TES

Contribution ID: 29

Type: **not specified**

Lorentz4 and analyses code development (Nicola)

Contribution ID: **30**

Type: **not specified**

Measurement of electron transport with Princeton magnet (Mark,Andi)

Contribution ID: **31**

Type: **not specified**

TES development (Hobey)

Tuesday, 27 June 2023 11:45 (20 minutes)

Contribution ID: 32

Type: **not specified**

Lorentz4 and analyses code development (Nicola)

Contribution ID: 33

Type: **not specified**

Measurement of electron transport with Princeton magnet (Mark, Andi)

Contribution ID: 34

Type: **not specified**

Simulation of transfer function and improved analytical understanding of filter (Wonyong)

Contribution ID: 35

Type: **not specified**

Welcome

Session Classification: RF detection

Contribution ID: **36**

Type: **not specified**

Welcome

Session Classification: Electron Source and detectors

Contribution ID: 37

Type: **not specified**

Welcome

Monday, 26 June 2023 09:15 (15 minutes)

Contribution ID: **38**

Type: **not specified**

QTNM project: Quantum Technologies for Neutrino Mass (Seb Jones, University College London)

Tuesday, 27 June 2023 12:05 (30 minutes)

Contribution ID: 39

Type: **not specified**

Lorentz4 and analyses code development (Nicola)

Contribution ID: 40

Type: **not specified**

Measurement of electron transport with Princeton magnet (Mark, Andi)

Contribution ID: 41

Type: **not specified**

Simulation of transfer function and improved analytical understanding of filter (Wonyong)

Contribution ID: 42

Type: **not specified**

Report from the ASG/Suprasys companies (Santiago/Matteo)

Tuesday, 27 June 2023 09:30 (30 minutes)

Session Classification: Demonstrator

Contribution ID: 43

Type: **not specified**

Global demonstrator design assembly (Alfredo/Ilaria)

Tuesday, 27 June 2023 10:00 (30 minutes)

Session Classification: Demonstrator

Contribution ID: 44

Type: **not specified**

Lorentz4 and analyses code development (Nicola)

Monday, 26 June 2023 14:30 (20 minutes)

Session Classification: Simulation and software

Contribution ID: 45

Type: **not specified**

Measurement of electron transport with Princeton magnet (Mark, Andi)

Monday, 26 June 2023 14:50 (20 minutes)

Session Classification: Simulation and software

Contribution ID: 46

Type: **not specified**

Simulation of transfer function and improved analytical understanding of filter (Wonyong)

Monday, 26 June 2023 15:10 (20 minutes)

Session Classification: Simulation and software

Contribution ID: 47

Type: **not specified**

Carbon Nanotubes as Cold Electron Source (F. Pandolfi)

Tuesday, 27 June 2023 11:30 (20 minutes)