

2017 IOTA/FAST COLLABORATION MEETING

Report of Contributions

Contribution ID: 4

Type: **not specified**

TOUR IOTA FAST Facility

Shuttle to New Muon Lab (NML)

Contribution ID: 9

Type: **not specified**

Director's Welcome and Group Photo

Contribution ID: **10**

Type: **not specified**

Introduction- IOTA/FAST Facility Plan, Timeline and Meeting Goals

Tuesday, 6 June 2017 08:05 (20 minutes)

Vladimir will give a brief Introduction of the IOTA/FAST Facility Plan and Review the Timeline and Goals of the meeting.

Contribution ID: **21**

Type: **not specified**

Neural network reinforcement learning control studies

Contribution ID: 22

Type: **not specified**

Wakefield study for superconducting accelerator cavities at FAST Facility

Contribution ID: 23

Type: **not specified**

Simulation of Nonlinear Decoherence with Space

Contribution ID: 25

Type: **not specified**

Talk by Lisa Lopez

Contribution ID: 26

Type: **not specified**

Simulation of Nonlinear Integrable Optics in IOTA using IMPACT-Z

Tuesday, 6 June 2017 14:00 (25 minutes)

Contribution ID: 27

Type: **not specified**

300MeV experiments: ICS, Xtal radiation, single photon etc. collaboration subjects

Tuesday, 6 June 2017 10:50 (20 minutes)

Contribution ID: **28**

Type: **not specified**

Collaboration subjects

Tuesday, 6 June 2017 11:10 (30 minutes)

Contribution ID: 29

Type: **not specified**

Discussion: Tentative plan for FAST experiments in 2017 IOTA/FAST tur and lunch break

Contribution ID: 30

Type: **not specified**

Synergia simulations on the impact of space charge on nonlinear decoherence in the IOTA ring

Contribution ID: 31

Type: **not specified**

Synergia simulations on the impact of space charge on nonlinear decoherence in the IOTA ring

Tuesday, 6 June 2017 14:25 (25 minutes)

Contribution ID: **32**

Type: **not specified**

New RCS design with IO

Contribution ID: **33**

Type: **not specified**

New RCS design with IO

Tuesday, 6 June 2017 14:50 (15 minutes)

Contribution ID: **34**

Type: **not specified**

Non-linear optics in UMER: theory, simulations, experiements

Tuesday, 6 June 2017 15:05 (30 minutes)

Contribution ID: 35

Type: **not specified**

Discussion: Issues and challenges of NL optics experiments in IOTA

Tuesday, 6 June 2017 15:35 (15 minutes)

Contribution ID: **36**

Type: **not specified**

Coffee break

Contribution ID: 37

Type: **not specified**

IOTA Electron Lens: nonlinear optics, cooling, and space-charge compensation

Tuesday, 6 June 2017 16:10 (30 minutes)

Contribution ID: **38**

Type: **not specified**

OSC progress

Tuesday, 6 June 2017 16:40 (30 minutes)

Contribution ID: 39

Type: **not specified**

Coherent instabilities in integrable optics

Tuesday, 6 June 2017 17:10 (20 minutes)

Contribution ID: 40

Type: **not specified**

Discussion: Issues and challenges of experiments in IOTA

Tuesday, 6 June 2017 17:30 (20 minutes)

Contribution ID: **41**

Type: **not specified**

Closeout

Tuesday, 6 June 2017 17:50 (5 minutes)

Contribution ID: 42

Type: **not specified**

Discussion: Tentative plan for FAST experiments in 2017

Tuesday, 6 June 2017 11:40 (15 minutes)

Contribution ID: 43

Type: **not specified**

IOTA/FAST tour and lunch break

Contribution ID: 44

Type: **not specified**

NML Tour

Tuesday, 6 June 2017 12:10 (40 minutes)

Contribution ID: 45

Type: **not specified**

No Host Lunch - Following NML tour you are welcome to take a short walk or ride the shuttle to Wilson Hall Cafeteria. The Cafeteria offers a wide variety of menu options.

Tuesday, 6 June 2017 13:00 (50 minutes)

Contribution ID: 46

Type: **not specified**

Board Shuttle to IARC

Tuesday, 6 June 2017 13:50 (10 minutes)

Contribution ID: 47

Type: **not specified**

Group Photo and Board Shuttle to NML

Tuesday, 6 June 2017 11:55 (15 minutes)

Contribution ID: **48**

Type: **not specified**

Board Shuttle to Wilson Hall

Tuesday, 6 June 2017 12:50 (10 minutes)

Contribution ID: 49

Type: **not specified**

The neural network reinforcement learning control studies at FAST

Tuesday, 6 June 2017 10:15 (15 minutes)

Contribution ID: 50

Type: **not specified**

Results of the CC2 transverse matrix measurements in 2016 and 2017 plans

Tuesday, 6 June 2017 10:00 (15 minutes)

Contribution ID: 51

Type: **not specified**

Wakefield study for superconducting accelerator cavities at FAST Facility

Tuesday, 6 June 2017 10:30 (20 minutes)

Contribution ID: 52

Type: **not specified**

Linac commissioning

Tuesday, 6 June 2017 08:25 (25 minutes)

Contribution ID: 53

Type: **not specified**

Ring and p+ injector status

Tuesday, 6 June 2017 08:50 (25 minutes)

Contribution ID: 54

Type: **not specified**

IOTA optics and NL magnet

Tuesday, 6 June 2017 09:15 (25 minutes)

Contribution ID: 55

Type: **not specified**

Opening Welcome

Tuesday, 6 June 2017 08:00 (5 minutes)