

**FAST/IOTA SCIENTIFIC
PROGRAM MEETING**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Director's Welcome and Group Photo

Presenter: LOCKYER, Nigel (Fermilab)

Contribution ID: 1

Type: **not specified**

Commissioning and Plans of the IOTA Electron Injector

Tuesday, 14 June 2016 08:20 (40 minutes)

Presenter: Dr BROEMMELSIEK, Daniel (FNAL/AD/AAP/SRF-ELECTRON)

Contribution ID: 2

Type: **not specified**

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

Tuesday, 14 June 2016 08:00 (20 minutes)

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

Presenter: Dr SHILTSEV, Vladimir (FNAL)

Contribution ID: 4

Type: **not specified**

Status of the RFQ Injector Commissioning

Tuesday, 14 June 2016 09:00 (20 minutes)

Presenter: Dr PREBYS, Eric (Fermilab)

Contribution ID: 5

Type: **not specified**

Plans and Status for X-rays Generation via Channeling with 50 MeV Electrons

Tuesday, 14 June 2016 15:00 (10 minutes)

Presenter: Mr HYUN, Jibong (SOKENDAI/KEK)

Contribution ID: 11

Type: **not specified**

Status of the IOTA Ring Construction

Tuesday, 14 June 2016 09:20 (25 minutes)

Presenter: VALISHEV, Alexander (Fermilab)

Contribution ID: 12

Type: **not specified**

Simulations of the IOTA Integrable Optics Experiment

Tuesday, 14 June 2016 09:45 (30 minutes)

Presenter: Dr BRUHWILER, David (University of Colorado Boulder)

Contribution ID: 13

Type: **not specified**

IOTA electron lens: nonlinear optics, cooling, and space-charge compensation

Tuesday, 14 June 2016 11:15 (30 minutes)

Presenter: STANCARI, Giulio (Fermilab)

Contribution ID: 14

Type: **not specified**

Results of the Electron Column SCC Simulations

Tuesday, 14 June 2016 13:30 (30 minutes)

Presenter: PARK, Chong Shik (Fermilab)

Contribution ID: 15

Type: **not specified**

Status of the OSC Experiment Preparations

Tuesday, 14 June 2016 11:45 (30 minutes)

Presenter: Dr LEBEDEV, Valeri (Fermilab)

Contribution ID: 16

Type: **not specified**

IOTA Optics Update: Flexibility for Experiments

Tuesday, 14 June 2016 10:45 (30 minutes)

Presenter: ROMANOV, Aleksandr (Fermilab/AD/IOTA)

Contribution ID: 18

Type: **not specified**

On the injection system for IOTA-ring based on the electron beam accelerated by a laser radiation

Tuesday, 14 June 2016 16:00 (30 minutes)

Presenter: MIKHAILICHENKO, Alexander A. (Cornell University)

Contribution ID: 19

Type: **not specified**

Discussion on the IOTA/FAST Experimental Program Progress - Summary and Closeout

Presenter: GROUP DISCUSSION

Contribution ID: 20

Type: **not specified**

Discussion on IOTA / FAST Experimental Program Progress - Summary and Closeout

Tuesday, 14 June 2016 17:05 (15 minutes)

Presenter: Dr SHILTSEV, Vladimir (FNAL)

Contribution ID: **21**

Type: **not specified**

TOUR IOTA FAST Facility

Tuesday, 14 June 2016 17:30 (1 hour)

Shuttle to New Muon Lab (NML)

Contribution ID: 22

Type: **not specified**

Simulating the Compensation of Space Charge Effects for Intense Beams in Accelerator Lattices: a New Opportunity for Collaboration

Tuesday, 14 June 2016 14:00 (20 minutes)

Presenter: MITCHELL, Chad (Lawrence Berkeley National Laboratory)

Contribution ID: 23

Type: **not specified**

Electron/Electrino Double Slit Experiment in IOTA

Tuesday, 14 June 2016 14:20 (20 minutes)

Primary author: DIXON, Roger (Fermilab)

Presenter: DIXON, Roger (Fermilab)

Contribution ID: 24

Type: **not specified**

Progress of the TESLA-type Cavity Transfer Matrix measurement at FAST

Tuesday, 14 June 2016 14:40 (20 minutes)

Presenter: Mr HALAVANAU, Aliaksei (APC)

Contribution ID: 25

Type: **not specified**

FACET Science Program- Opportunities at FAST

Tuesday, 14 June 2016 16:30 (15 minutes)

Presenter: YAKIMENKO, vitya (slac)

Contribution ID: 26

Type: **not specified**

UMER Experimental Program News

Tuesday, 14 June 2016 16:45 (20 minutes)

Presenter: Ms RUISARD, Kiersten (University of Maryland)

Contribution ID: 29

Type: **not specified**

A System for Synchronization of Electron Bunches and Laser Pulses using a Photoconductive Antenna

Tuesday, 14 June 2016 15:30 (10 minutes)

Presenter: JACOBSON, Bryce Jacobson (RadiaBeam Technologies)

Contribution ID: **30**

Type: **not specified**

Gamma-ray Production via Inverse Compton Scattering with 300 MeV Electrons

Tuesday, 14 June 2016 15:10 (20 minutes)

Presenter: MIHALCEA, Daniel (Morthern Illinois University)