



# FAST/IOTA Collaboration Meeting

## Monday, 15 June 2020

### Experiment Reports from Runs 1 and 2: Session I (15:00 - 16:15)

-Conveners: Daniel Broemmelsiek

time	[id] title	presenter
15:00	[11] Generation, Transport and Diagnostics of High-Charge Magnetized Beams	FETTERMAN, Aaron
15:30	[10] Long-Range and Short-Range Wakefield Effects in TESLA-Type Cavities (LRW/SRW)	LUMPKIN, Alex
16:00	[33] FAST Linac Experiments for the Development of LCLS-II Injector Diagnostics	JACOBSON, Bryce

## Tuesday, 16 June 2020

### Experiment Reports from Runs 1 and 2: Session II (10:00 - 12:00)

-Conveners: Alexander Valishev

time	[id] title	presenter
10:00	[12] Introduction to Nonlinear Integrable Optics Experiments	VALISHEV, Alexander
10:15	[13] Nonlinear Integrable Optics: Implementation and First Results	KUKLEV, Nikita
10:40	[14] Measurements with the Danilov-Nagaitsev Magnet (NIO)	SZUSTKOWSKI, Sebastian
11:00	[15] Nonlinear Optics Measurements and Correction (NL-OMC)	HOFER, Michael
11:30	[16] Instability Thresholds with Octupole Channel (NIOld)	EDDY, Nathan

### Experiment Reports from Runs 1 and 2: Session III (13:00 - 14:30)

-Conveners: Giulio Stancari

time	[id] title	presenter
13:00	[17] Understanding Lifetimes, Beam Sizes and Scattering in IOTA (IBS_Study)	LEBEDEV, Valeri
13:30	[18] Fluctuations in Undulator Radiation (URSSE and FUR)	LOBACH, Ihar LOBACH, Ihar
14:00	[19] Spatial and Temporal Correlations in Undulator Radiation (AMPUR)	ANGELICO, Evan ANGELICO, Evan

### Experiment Reports from Runs 1 and 2: Session IV (15:00 - 16:00)

-Conveners: Giulio Stancari

time	[id] title	presenter
15:00	[20] Single-Electron Phase-Space Tomography from Synchrotron-Light Camera Images	ROMANOV, Aleksandr