

FAST/IOTA Collaboration Meeting

Wednesday, 17 June 2020

Run 3 and Beyond: New Concepts and Proposals I (10:00 - 11:50)

-Conveners: Sergei Nagaitsev

time	[id] title	presenter
10:00	[21] Optical Stochastic Cooling Experiment	JARVIS, Jonathan
10:30	[22] A Simple Variational Principle for Synchrotron Radiation with Applications to Small-Bunch Undulator Radiation	CHARMAN, Andrew
10:50	[23] Nonlinear Integrable Optics Experiments Based on Symplectic Integrators	BATURIN, Stanislav
11:10	[25] Research with the IOTA Electron Lens	STANCARI, Giulio
11:30	[24] Nonlinear Integrable Dynamics and Space Charge	MITCHELL, Chad

Run 3 and Beyond: New Concepts and Proposals II (12:50 - 14:30)

-Conveners: Alexander Valishev

time	[id] title	presenter
12:50	[26] Space-Charge Compensation, Booster Studies and the IOTA Program	SHILTSEV, Vladimir
13:10	[27] Experiments on Circular Modes in IOTA	MOROZOV, Vasiliy
13:30	[31] Nonlinear Magnet for a Rapid-Cycling Synchrotron at Fermilab	GADJEV, Ivan
13:50	[32] Resonant Control of Electron Bunches and Nonlinear Decoherence of Protons in IOTA	WEBB, Stephen
14:10	[30] Convergence of Data Science and Accelerator Systems: Status and Prospects	BIEDRON, Sandra