

Ultrafast Imaging and Tracking Instrumentation, Methods and Applications Conference (ULITIMA 2023)

Monday, 13 March 2023

Methods: Methods - 1 - Bldg 53 / Room 1320 - Panofsky Auditorium (15:55 - 16:55)

-Conveners: Arianna Gleason

time	[id] title	presenter
15:55	[32] Bayesian inferencing and deterministic anisotropy for molecular geometry retrieval in gas phase diffraction experiments	HEGAZY, Kareem
16:15	[36] Computational X-ray Photon Correlation Spectroscopy to analyze Dynamic Polymer Networks	MOHANTY, Shaswat
16:35	[72] Edge Data Processing	HERBST, Ryan

Tuesday, 14 March 2023

Methods: Methods - 2 - Bldg 53 / Room 1320 - Panofsky Auditorium (16:20 - 18:00)

-Conveners: Angelo Dragone

time	[id] title	presenter
16:20	[14] Induced signals in particle detectors with resistive elements: modelling novel structures.	JANSSENS, Djunes
16:50	[15] Precise timing PICOSEC Micromegas and rapid imaging with gaseous detectors	BRUNBAUER, Florian Maximilian
17:20	[45] Measurements and analysis of the single photon timing performance of single and multi-anode MCP-PMTs	HINK, Paul
17:40	[62] Precision Structure Tracking for Understanding the Interplay of Hydro- and Thermodynamic Parameters in Ultrafast Multiphase Micro-Sized Flows	WANG, Jin

Wednesday, 15 March 2023

Methods: Methods - 3 - Bldg 53 / Room 1320 - Panofsky Auditorium (14:10 - 16:00)

-Conveners: Gabriella Carini

time	[id] title	presenter
14:10	[20] Calibration Strategy and Experimental Qualification of the Non-Linear Response of the First DEPFET Pixel Sensors of the DSSC Camera	CASTOLDI, Andrea
14:40	[43] AI-in-Pixel: data compression at source	FAHIM, Farah
15:10	[19] How nanophotonics can speed up detection	ENOCH, Stefan
15:40	[61] Recent progress in scattering and imaging experiments at the DiProI CDI end station of the FERMI seeded FEL.	CAPOTONDI, Flavio

Thursday, 16 March 2023

Methods: Methods - 4 - Bldg 53 / Room 1320 - Panofsky Auditorium (15:25 - 16:15)

-Conveners: Liam Claus

time	[id] title	presenter
15:25	[10] Move contrast X-ray imaging and its applications in complex systems	LI, Ke
15:55	[56] Inversion and Super-resolution of Ultrafast Scattering	NATAN, Adi