

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

Monday, March 13, 2023

Application: Applications - 1 - Bldg 53 / Room 1320 - Panofsky Auditorium (8:30 AM - 10:30 AM)

-Conveners: Arianna Gleason

time	[id] title	presenter
8:30 AM	[68] Keynote - Burning and ignited plasmas at the National Ignition Facility	ZYLSTRA, Alex B.
9:30 AM	[22] FBK SiPM roadmap for ultimate timing performance	GOLA, Alberto
10:00 AM	[27] Radiation damage effects overview on Low Gain Avalanche Diodes	GKOUGKOUSIS, Evangelos Leonidas

Tuesday, March 14, 2023

Application: Applications - 2 - Bldg 53 / Room 1320 - Panofsky Auditorium (8:45 AM - 10:20 AM)

-Conveners: Zhehui (Jeph) Wang

time	[id] title	presenter
8:45 AM	[21] Fast timing detectors with applications in cosmic ray physics and medical science	ROYON, Christophe
9:15 AM	[50] Optical detection of ultrafast electrons for applications in Positron Emission Tomography (PET)	JEONG, Diana
9:45 AM	[42] Ultrafast Inorganic Scintillators for future HEP and Imaging Applications	ZHU, Ren-Yuan

Wednesday, March 15, 2023

Application: Applications - 3 - Bldg 53 / Room 1320 - Panofsky Auditorium (8:30 AM - 10:40 AM)

-Conveners: Sander Breur

time	[id] title	presenter
8:30 AM	[60] Opportunities and challenges with femtosecond XFEL imaging of matter at extremes	SANDBERG, Richard
9:00 AM	[4] Effect of nozzle geometry features on the nozzle internal flow and cavitation characteristics based on X-ray dynamic imaging	ZHAO, Wenbo Mr LENG , Pengfei
9:30 AM	[9] Integration and first operation of the Gotthard-II detector at the European XFEL	RAMILLI, Marco
10:00 AM	[52] Real time data acquisition for billion pixel x-ray imaging	EZZAOUI RAHALI, Hamza
10:20 AM	[55] Demonstration of sub-micron UCN position resolution using room-temperature CMOS sensor	LIN, Shanny

Thursday, March 16, 2023

Application: Applications - 4 - Bldg 53 / Room 1320 - Panofsky Auditorium (8:30 AM - 10:10 AM)

-Conveners: Andrew Leong

time	[id] title	presenter
8:30 AM	[65] Keynote - The Multiverse of f-electron Quantum Materials	RONNING, Filip
9:30 AM	[6] An Askaryan effect Calorimeter for the FCC-hh	VARNER, Gary
9:50 AM	[54] The new monolithic ASIC of the preshower detector for di-photon measurements in the FASER experiment at CERN	ELENI KOTITSA, Rafaella