

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

Monday, 13 March 2023

Application: Applications - 1 - Bldg 53 / Room 1320 - Panofsky Auditorium (08:30 - 10:30)

-Conveners: Arianna Gleason

time	[id] title	presenter
08:30	[68] Keynote - Burning and ignited plasmas at the National Ignition Facility	ZYLSTRA, Alex B.
09:30	[22] FBK SiPM roadmap for ultimate timing performance	GOLA, Alberto
10:00	[27] Radiation damage effects overview on Low Gain Avalanche Diodes	GKOUKOUSIS, Evangelos Leonidas

Tuesday, 14 March 2023

Application: Applications - 2 - Bldg 53 / Room 1320 - Panofsky Auditorium (08:45 - 10:20)

-Conveners: Zhehui (Jeph) Wang

time	[id] title	presenter
08:45	[21] Fast timing detectors with applications in cosmic ray physics and medical science	ROYON, Christophe
09:15	[50] Optical detection of ultrafast electrons for applications in Positron Emission Tomography (PET)	JEONG, Diana
09:45	[42] Ultrafast Inorganic Scintillators for future HEP and Imaging Applications	ZHU, Ren-Yuan

Wednesday, 15 March 2023

Application: Applications - 3 - Bldg 53 / Room 1320 - Panofsky Auditorium (08:30 - 10:40)

-Conveners: Sander Breur

time	[id] title	presenter
08:30	[60] Opportunities and challenges with femtosecond XFEL imaging of matter at extremes	SANDBERG, Richard
09:00	[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
09:30	[9] Integration and first operation of the Gotthard-II detector at the European XFEL	RAMILLI, Marco
10:00	[52] Real time data acquisition for billion pixel x-ray imaging	EZZAOUI RAHALI, Hamza
10:20	[55] Demonstration of sub-micron UCN position resolution using room-temperature CMOS sensor	LIN, Shanny

Thursday, 16 March 2023

Application: Applications - 4 - Bldg 53 / Room 1320 - Panofsky Auditorium (08:30 - 10:10)

-Conveners: Andrew Leong

time	[id] title	presenter
08:30	[65] Keynote - The Multiverse of f-electron Quantum Materials	RONNING, Filip
09:30	[6] An Askaryan effect Calorimeter for the FCC-hh	VARNER, Gary
09:50	[54] The new monolithic ASIC of the preshower detector for di-photon measurements in the FASER experiment at CERN	ELENI KOTITSA, Rafaella