

Joint DOE / NIH Workshop - Advancing Medical Care through Discovery in the Physical Sciences Workshop Series: Radiation Detection

Friday, March 17, 2023

Session 5 - Electronics and Data Acquisition: Electronics and Data Acquisition - Auditorium (8:00 AM - 10:00 AM)

-Conveners: Larry Ruckman; Brian Pogue

time	[id] title	presenter
8:00 AM	[73] State-of-the-art Challenges and Emerging Technologies	KAO, Chien-Min
8:20 AM	[72] Capabilities from the Physical Sciences - David Abbott	ABBOTT, David
8:40 AM	[78] Transition Edge Sensors for X-ray Spectroscopy	O'NEIL, Galen
8:50 AM	[75] Streaming Readout PET Architecture and Development	XI, Wenze
9:00 AM	[76] Fast Time-gated Intensified Camera Electronics for Proton and FLASH Dosimetry	BRUZA, Petr
9:10 AM	[77] FLASH Detectors	BOISSEAU, Paul
9:20 AM	[74] Ultrafast LGAD Detectors with High-SNR Electronics Read-out for FLASH Radiotherapy	ROYON, Christophe
9:30 AM	Panel Discussion - Session 5 Discussion	