



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

## Friday, March 17, 2023

### Session 7 - Applications of Artificial Intelligence - Auditorium (2:15 PM - 4:15 PM)

-Conveners: Gina Tourassi; Behrouz Shabestari

time	[id] title	presenter
2:15 PM	[87] State-of-the-art Challenges and Emerging Technologies	SABOURY, Babak
2:35 PM	[86] Capabilities from the Physical Sciences	WILLIAMS, Mike
2:55 PM	[92] AI for PET Image Enhancement	DUTTA, Joyita
3:05 PM	[91] Deep learning-based Denoising	WANG, Ge
3:15 PM	[90] HyperCT: Autonomous Hyperspectral Computed Tomography	TANG, Shimin
3:25 PM	[89] Deep Learning for Data Corrections in PET and SPECT	LIU, Chi
3:35 PM	[88] Developments in EdgeML Inference in FPGAs, and their Applications in PET	RUCKMAN, Larry
3:45 PM	Panel Discussion	