

Advancing Medical Care through Discovery in the Physical Sciences

Tuesday, July 13, 2021

Session 7 Data Science: Overview & Community Perspectives Panel (3:00 PM - 5:10 PM)

time	[id] title	presenter
3:00 PM	[13] Overview	
	- [1] Capabilities from the Physical Sciences -Robert Rallo (PNNL)	
	- [2] Capabilities from the Physical Sciences – Exascale Computing and COVID - Shantenu Jha (Rutgers/BNL)	
	- [3] State-of-the-art Challenges and Emerging Technologies – Radiology and Oncology Imaging - Ron Summers (NIH)	
4:00 PM	[14] Community Perspectives Panel	
	- [1] Enabling Biomedical Science with Leadership Computing - Georgia Tourassi (Oak Ridge National Lab)	
	- [2] Joint Design of Advanced Computing Solutions for Cancer Program - Emily Greenspan (NCI)	
	- [3] Data Repositories and AI in Medical Imaging - Maryellen Giger (U. Chicago)	
	- [4] AI for Image Reconstruction, Quanzheng Li (MGH)	
	- [5] Panel Discussion	