

Session	Time	Speaker
Session 1 Morning (9:00–11:15)	8:30–9:00	Check-in, breakfast
	9:00–9:15	Opening Remarks by the Director, Alex Szalay
	9:15–9:45	Stuart Feldman —Keynote speaker (1 of 3) Scientific Software, Software Engineering, and Philanthropy
	9:45–10:00	Edward Hunter Updates on DSAI and SSECRsearch Software Engineering
	10:00–10:05	Intro to IDIES Seed Funding program
	10:05–10:30	Jung-Hee Seo on behalf of the team of Rajat Mittal—Seed project (1 of 4) eStomach – A Multiphysics In-Silico Model of the Human Stomach
	10:30–10:55	Jiafang Song on behalf of the team of Abhirup Datta—Seed project (2 of 4) Correcting for Bias and Uncertainty in AI Algorithmic Outputs Used in Global Child Mortality Estimates
	11:00–11:15	15 min Morning Break
AM Break		
Session 2 Morning (11:15–2:00)	11:15–11:30	Gerard Lemson speaking on SciServer
	11:30–12:15	Intro to Summer Student Fellowship (SSF) program followed by SSF projects
		Alex Larson AI-Driven Cardiac Telemetry Classification for AFib Detection
		Srisha Nippani A Non-Parametric Approach for Learning Interaction Laws in Agent-Based Systems
		Jooyoung Ryu AI-driven Echocardiographic Model for Early Identification of Stress Cardiomyopathy
		James D’Alleva-Bochain Understanding Learning: An Exploratory Analysis of the Geometry of Neural Network Weights and Activation
	12:15–12:20	Intros to Poster Gallery, Poster Lighting Talks
	12:20–12:40	Lightning Talks
Lunch & Poster Gallery	12:40–2:00	Lunch & Poster Gallery
Session 3 Afternoon (2:05–4:05)	1:30–2:00	Poster entrants attend posters for gallery walk, Q&A
	2:00-2:05	Announcement of poster contest winner
	2:05–2:20	David Elbert speaking on the NASA IMQCAM Space Technology Research Institute and the Army Research Laboratory (ARL) Data at the Speed of Extreme Materials Discovery (DSEMD) Center
	2:20–2:50	Beth Willman —Keynote speaker (2 of 3) Creating the Conditions for Discovery: Rubin Observatory’s LSST and a New Era of Data-Intensive Science
	2:50–3:15	George Liu on behalf of the team of Francis Creighton—Seed project (3 of 4) Artificial Intelligence-aided Video-based Assessment of Mastoidectomy Surgical Skills
	3:15–3:40	Megan Gelement on behalf of the team of Joel Bader—Seed project (4 of 4) Solving the Phasing Problem of Infection Complexity in Polygenomic Malaria: Classifying Recurrent Infection
	3:40—4:05	25 min Afternoon Break
PM Break		
Session 4 Afternoon (4:05 – end of event)	4:05–4:25	Paulette Clancy speaking about research computing infrastructure
	4:25–4:55	Francois Lanusse —Keynote speaker (3 of 3) Towards Scientific Foundation Models and How They Could Change ML In Survey Astronomy
	4:55–5:00	Closing Remarks by the director, Alex Szalay
	5:00–6:00	Reception