



And Partners

2024 NSDF All Hands Meeting

Wednesday: 12:00 PM - 17:00 PM

Thursday: 08:00 AM - 17:00 PM

Friday: 08:00 AM - 13:30 PM

Wednesday, 28 February

12:00-13:30	Lunch
13:30-14:00	Welcome Valerio Pascucci and Michela Taufer
Session Chair: Michela Taufer	
14:00-15:00	Tutorial: Using NSDF for End-to-End Analysis of Scientific Data Heberth Martinez, UTK Aashish Panta, Utah Giorgio Scorzelli, Utah
15:00-15:30	Coffee Break
Session Chair: Attila Gyulassy	
15:30-15:45	Globus Platform as a Service Kyle Chard, Globus
15:45-16:00	Decomposing Data Systems for Better Performance Fernanda Foertter, Voltron
16:00-16:15	Democratized Data Discovery and Access: Helping Communities and Repositories Adopt Science on Schema Kenton McHenry, NCSA
16:15-16:30	Building Blocks of Integration: An Exploration of CODATA CDIF Goals with NSDF Architecture Doug Fils, Ronin
16:30-16:45	Q&A

Thursday, 29 February

8:00-9:00	Breakfast
Session Chair: Christine Kirkpatrick	
9:00-9:15	Near-Field and Far-Field Data Distribution for ICICLE: Intelligent CyberInfrastructure with Computational Learning in the Environment Marty Kandes, SDSC
9:15-9:30	HDSI DataPlanet: Spurring Data-Intensive Collaborations Arun Kumar, HDSI/UCSD
9:30-9:45	Multi-layer Caching and Parallel Streaming for Large Scale Point Cloud Data on the Web Steve Petruzza, Utah State U
9:45-10:00	Data Lifecycle Technologies at Oak Ridge Leadership Computing Olga Kuchar, ORNL
10:00-10:15	An Overview of Pelican, OSDF, and OSPool Miron Livny, U. Wisconsin Madison
10:15-10:30	Q&A
10:30-11:00	Coffee Break
Session Chair: Michela Taufer	
11:00-12:00	Keynote: The Prototype Open Knowledge Network (Proto-OKN) Fabric Chaitan Baru, NSF
12:00-12:15	Group Photo
12:15-13:30	Lunch & Poster Presentations
Session Chair: Steve Petruzza	

13:30-13:45	Large Research Data Storage on Blockchain Technology Scott Doughman and Sal Malik, Seal Storage
13:45-14:00	The HDF5 Framework: Practical Tools for Managing Data Scot Breitenfield, HDF
14:00-14:15	VisStore: Seamless Acquisition, Storage, and Distribution of Massive Imagery blending Cloud, Local and HPC Storage Amy Gooch, ViSOAR
14:15-14:30	Monitoring the Open Science Data Federation Fabio Andrijauskas, SDSC
14:30-14:45	Open Data, Large-Scale Compute, and Scientific Foundation Models Michael Mahoney, ICSI, LBNL, and UC Berkeley
14:45-15:00	Q&A
15:00-15:30	Coffee Break
Session Chair: Amy Gooch	
15:30-15:45	Visualizing CHESS Data with NSDF Dashboards Werner Sun, CHESS
15:45-16:00	Integrating with Materials Commons Glenn Tarcea, U Michigan and CHESS
16:00-16:15	Sally Ride Windows on Earth Dan Barstow, Windows on Earth
16:30-16:45	Sharing Data across Deep Underground Experiments Amy Roberts, U Colorado Denver
16:45-17:00	Applications of Deep Learning for Fragment Size Analysis Erwin Cazares, UTEP
18:30	Dinner at Aqua Mare 2282 Carmel Valley Rd., Del Mar, CA 92014
Friday, 1 March	
8:00-9:00	Breakfast
Session Chair: Michela Taufer	
9:00-10:00	Keynote: Ushering in a New Era with Unconventional Paths and Hidden Contributors Driving Discoveries in Academia and National Labs Sandra Gesing, SDSC
10:00-10:30	Coffee Break
Session Chair: Lauren Whitnah	
10:30-10:45	Technology Adoption Research and the Cyberinfrastructure Community Kerk Kee, Texas Tech U and CI Compass
10:45-11:00	TBD Ilkay Altinas, SDSC
11:00-11:15	Opportunities and Challenges at HBCUs Dennis Sigur, Dillard U
11:15-11:30	Democratizing Spatial Data for Climate Change Risk Assessment across Native American Nations Gustavo Ovando-Montejo, Utah State U Blanding
11:30-11:45	A Report on New Directions in User Community Interviews Attila Gyulassy, Utah
11:45-12:00	Q&A
12:00-13:30	Boxed Lunch



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