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
14:00-15:00	**Tutorial: Using NSDF for an Earth Science Dataset** Heberth Martinez, UTK Aashish Panta, Utah Michela, UTK
15:00-15:30	**Coffee Break**
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**
16:45-17:00	**Q&A**
Thursday, 29 February	
8:00-9:00	**Breakfast**
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** Arum 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**
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**
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**
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**
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**
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** Atilla Gyulassy, Utah Lauren Whitnah, UTK Julie Christopher, SDSC
11:45-12:00	**Q&A**
12:00-13:30	**Lunch & NSDF Leadership Meeting**

Supported through the US National Science Foundation award #2138811