2023 RESEARCH INFRASTRUCTURE WORKSHOP
JUNE 27 - 30, 2023 • WASHINGTON, DC

CREDIT: RUBIN OBSERVATORY/ NSF/AURA

PROJECT MANAGEMENT. FACILITIES AND OPERATIONS. AWARD MANAGEMENT. EHS. EDUCATION AND PUBLIC OUTREACH. CYBER (CI & CS).

Monday, June 26, 2023

Time	Topics
5-6 pm ET	In-Person Pre-Registration & Social Gathering *Washington Marriott at Metro Center*

Tuesday, June 27, 2023 – Day 1

Time	Topics
8:00 am ET	Opening Remarks *Matthew Hawkins, Head, Large Facilities Office, NSF* *Roland Roberts, Deputy Chief Officer for Research Facilities, NSF*
8:30 am ET	Outlook for the NSF and Federal Budgets *Budget Division, NSF*
9:00 am ET	CHIPS and Science Act: Research Security Requirements *Rebecca Keiser, Chief of Research Security Strategy and Policy, NSF*
9:30 am ET	***Break***
9:40 am ET	Mid-Scale Research Infrastructure: an NSF overview *Roland Roberts, Deputy Chief Officer for Research Facilities, NSF* *Matthew Hawkins, Head, Large Facilities Office, NSF*
10:10 am ET	Build America, Buy America: Lessons Learned from the First Year of Implementation *Patrick Breen, Chief Acquisition Officer, NSF*
10:40 am ET	***Refreshment Break***
11:00 am ET	Overview of CI Compass and the Relevance of AI in Cyberinfrastructure *Ewa Deelman, PI of CI Compass: An NSF Cyberinfrastructure (CI) Center of Excellence for Navigating the Major Facilities Data Lifecycle*
11:30 am ET	ESnet: A high-performance network user facility optimized for large-scale science, interconnecting the National Laboratory System in the United States *Inder Monga, Division Director for Scientific Networking Division, Lawrence Berkeley National Lab and Executive Director of Energy Sciences Network*
12:10 am ET	**Lunch**

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Time	Topics			
	Award Management	**Mid-scale RI**	**Cyber Infrastructure**	**OLPA In-Person Wkshp**
1:30 pm ET	Discussion 2023 Update on Research Infrastructure Guide (RIG) Update *NSF (LFO & CSB)*	Workshop on Creating a Basic Implementation WBS *Instructor: Mark Warner, National Solar Observatory*	A Discussion on Different Models of Data Governance *Panel moderated by Jarek Nabrzyski, Founding Director of the Center for Research Computing at Notre Dame*	Connecting and Collaborating with the NSF Office of Legislative and Public Affairs *Part I: An Overview of the New NSF Branding Policy* *Part II: NSF's Media Hub: A Picture is Worth a 1000 Words* *This session will be offered in-person only*
2:35 pm ET	**Break**			
2:45 pm ET	Latest on Addressing Accuracy, Precision and Uncertainty in Cost Estimates *Kevin Porter, Large Facilities Advisor, NSF* *Florence Rabanal, Large Facilities Advisor, NSF*	Workshop on Performance Tracking and Reporting: Scaled Approach to Monitoring Progress *Instructor: Carol Wilkinson, Associate Project Manager at Cornell University*		
3:05 pm ET			**Break**	
3:25 pm ET			The Expanding use of AI in Research Infrastructure applications *Panel moderated by Charles Vardeman, Computational Scientist, Center for Research Computing at Notre Dame*	Connecting and Collaborating with the NSF Office of Legislative and Public Affairs *Part III: Passing Laws & Juggling Bills, An Update from Government Affairs* *Part IV: How to Win Friends and Influence People, Leveraging Social Media* *This session will be offered in-person only*
3:45 pm ET	**Refreshment Break**			
4:05 pm ET	Discussion on new MF/FFRDC Terms and Conditions *NSF (LFO & CSB)*	Hands On Activity: WBS and Performance Tracking *Instructors: Carol Wilkinson & Mark Warner*		
5:00 pm ET	**End Day 1 of Workshop**			

Wednesday, June 28, 2023 – Day 2

Time	Topics		
	Environmental Health and Safety	**Mid-scale RI**	**Cybersecurity**
8:00 am ET	Field Safety: Safe and Inclusive Work Environments *A panel discussion including Michael Kuhlman, Chief Scientist, Battelle Rhonda Davis, NSF, Office of Equity and Civil Rights*	Mid-scale RI Panel: Lessons Learned from Experienced Awardee Perspective *A panel discussion*	Trusted CI Framework Panel on Cybersecurity Programs with Representatives from Major Facilities *Panel moderated by Scott Russell, Trusted CI*
9:00 am ET	***Break***		
9:10 am ET	**Developing People & Safety Culture PART I:** Promising practices for developing a positive safety culture. *A panel discussion*	Key Themes from FAQ from Mid-Scale Project Management Webinars *Facundo Funes, Large Facilities Office, NSF*	Trusted ResearchSOC Panel on Operational Cybersecurity *Panel moderated by Susan Sons, ResearchSOC*
10:00 am ET	***Refreshment Break***		
10:20 am ET	**Developing People & Safety Culture PART II:** Promising practices for developing a positive safety culture. *A panel discussion*	Lessons Learned from Successful Mid-Scale Project Implementation *Presenter (TBD)*	Regulated Research Community of Practice (RRCoP) *A panel moderated by Carolyn Ellis and/or Erik Deumens, RRCoP), ResearchSOC*
11:20 am ET	**Boxed Lunch**		
12:00 pm ET	***Virtual Poster Session***		
1:00 pm ET	***Group #1: Walk to Air and Space Museum***	***Group #2: Break***	
1:30 pm ET	*Tour Air and Space Museum*		
2:00 pm ET		***Group #2: Walk to Air and Space Museum***	
2:30 PM ET	***Group #1: Break (Return to Hotel)***	*Tour Air and Space Museum*	
3:30 pm ET		***Group #2: Return to Hotel Break***	
4:15 pm ET	***In-Person Poster Session with Light Refreshments***		

Time	Topics
5:00 pm ET	*Welcome Reception*
6:00 pm ET	End Day 2 of Workshop

Thursday, June 29, 2023 – Day 3

Time	Topics
8:00 am ET	Overview of Cybersecurity at Research Infrastructure: Balancing the Need to Be Secure and Also Open *Roland Roberts, Deputy Chief Officer for Research Facilities (CORF), NSF* *Jim Basney, Director, Trusted CI*
9:00 am ET	*Break*
9:10 am ET	**Part I**: Climate Change Resilience: How does Major Research Infrastructure Estimate Cost of climate adaptation?
9:55 am	**Part II:** Clean energy initiatives, including ZEV initiatives
10:40am ET	*Refreshment Break*
11:00 am ET	**Part III:** How Facility Condition Assessment (FCA) leads to energy efficiency improvements
12:00am ET	Lunch

Time	Project Management	Facilities and Operations	EPO and Communications Track
1:15pm ET	Project Management Lessons Learned during the RCRV Project *Speaker (TBD)*	How to Conduct Meaningful Facility Condition Assessments (FCAs) of Major Research Infrastructure *A panel discussion including SMEs from U.S. Army Corps of Engineers, Aerospace Corporation, and NASA*	EPO/E and Comms Snapshot Across NSF Research Infrastructure *Multiple Short Presentations*
2:15pm ET	*Break*		
2:30pm ET	Risk Management at Major Facilities, FFRDC and RI Projects *Speaker (TBD)*	Practical Steps for Recruitment and Retention *A panel discussion*	An Overview of the New NSF Branding Policy *Office of Legislative & Public Affairs (OLPA), NSF*
3:25pm ET	*Refreshment Break*		

Time	Topics		
	Project Management	**Facilities and Operations**	**EPO and Communications Track**
3:45pm ET	Project Management SW Tools and Applied to O&M Awards *A panel discussion of SME Project Managers*	Lessons Learned from a Corporate Merger. The new manager of SAGE and GAGE is the EarthScope Consortium Inc. *Becks Bendick, Interim CEO, EarthScope Consortium Inc*	Breakout Session: Ideas for Future Collaborations Across Facilities *A panel discussion and hands-on activity*
4:45 pm ET	**End Day 3**		

Friday, June 30, 2023 – Day 4 (Last Day of Workshop)

Time	Topics	
8:00 am ET	Introduction to the new Technology, Innovation and Partnerships (TIP) Directorate and Touch Points with Research Infrastructure *Erwin Gianchandan, Assistant Director, Technology, Innovation and Partnerships (TIP), NSF*	
8:45 am ET	Celebrating 75 Years of Discovery and Building on NSF's Legacy *Cori Bassett, Branch Chief Creative Services and Media Affairs, Office of Legislative & Public Affairs (OLPA), NSF*	
9:30am ET	**Refreshment Break**	
9:50 am ET	Overview of NASA's activities on Knowledge Management, Sharing Lessons Learned and Workforce Development *Tiffany L. Smith, Chief Knowledge Officer & Director, APPEL Knowledge Services* *NASA Headquarters, Office of the Chief Engineer*	
10:50am ET	Lessons Learned from EVMS on the DKIST Project *Mark Warner, Project Manager, National Solar Observatory*	Follow Up Discussion on Ideas for Future EPO Collaborations Across Facilities *This will be an in-person only activity*
11:30am ET	**Lunch**	

Continued on next page.

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	Project Management Track	**Environmental Health & Safety**	**Facilities and Operations**
1:00pm ET	Scaled and Tailored EVM Implementation *Wayne Abba*	Evolving Safety Topics - Safety by Design - Environmental Condition & Impact to Staff Safety - Safety plans for extreme climate events - Hybrid Work Environment and Training challenges - Specialized environment training	Exemplar DEIA Initiatives *A panel discussion*
2:00pm ET	*Break*		
2:10pm ET	Project Management: The HMF PEP as a Structured Document Built on a Platform of MS Project/Excel/Word *Ernie Fontes, Technical Director, CLASSE, Cornell University*	Safety Training: Methods to determine training needs across an organization *A panel discussion of experienced Safety professionals*	Operations & Management of NSF Major Facilities Best Practices and Lessons Learned *A panel discussion with SMEs from Major Facilities*
3:10pm ET	*Refreshment Break*		
3:30pm ET	Project Management Tools and Application to O&M Awards *A panel discussion of SME Project Managers*	Reinforce the Stop Work Authority (SWA) Culture *A panel of experienced Safety professionals* Evolving New Threats or Risks. A quick-fire session *A panel of experienced Safety professionals*	O&M Budget Execution. Developing and Reporting against the operational WBS *Hands-on session*
4:45 pm ET	*-- End Workshop --*		