

Midwest Research Computing and Data Consortium Annual Network Meeting
Spring 2023 Meeting Schedule
Thursday, March 2, 2023 and Friday, Mar 3, 2023
Ohio Supercomputing Center, 1224 Kinnear Rd, Columbus, OH 43212

This material is based upon work supported by the National Science Foundation under Grant No. 2227627. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.

Day 1

4pm-5:30pm: Steering Committee Meeting @ OSC

6pm-6:15pm: Introduction to the Midwest Research Computing & Data Consortium (*Winona Snapp-Childs, Indiana University*);

- Introductions for in-person participants

6:30pm-8:00pm:

- Orientation to goals
 - Group discussions
- Mentoring overview
- Affinity groups overview
- Residency overview

Day 2

8:30am - 9:00am: Introduction and Welcome (*Winona Snapp-Childs, Indiana University; Karen Tomko, Ohio Supercomputer Center*)

- MW-RCD grant
- Program accelerator elements
- Collection of participant demographics

9:00am - 9:40am: Ally Discussion (*Todd Shechter, University of Wisconsin*)

9:40am - Lightning Talks

- *Brock Palen, University of Michigan*
- *Cicada Brokaw, Indiana University*
- *Jeremy Fischer, Indiana University*

10:00am - Break

10:30am - Scientific Instrumentation and Cyberinfrastructure (*Mike Warfe, Case Western University; Jane Combs, University of Cincinnati*)

Presentation: 'Scientific Instrumentation and Globus' *Lee Liming*, Director, Professional Services, Globus @ University of Chicago

11:00am-11:30am Panel: Collaborative Implementation of Cryo-EM Cyberinfrastructure – CI Professionals and Researchers Working Together!

Panelists:

- *Dr. Tom Seegar (panelist, Univ of Cincinnati, Cryo-EM Asst Prof Molecular and Cellular Biosciences)*

- *Dr. Xiaowei Hou (panelist, UC Cryo-EM Asst Prof Molecular and Cellular Biosciences),*
- *Kurt Roberts (panelist, UC Lead Research Systems Engineer),*
- *Larry Schartman (panelist, UC Mechanical Engineering, Retired)*

11:30am - "Adventures in Communicating Value of RCD Investment", *Preston Smith, Purdue University*

12:00pm Lunch

1:00pm - Regulated data panel (*Brock Palen, University of Michigan*)

Panelists:

- *Jake Utley (Oak Ridge National Lab)*
- *Kendall Blaylock (Mississippi State University)*
- *Mike Navicky (Mississippi State University)*
- *Eric Deumans (University of Florida)*

2:00pm - Lightning Talks

- *Mike Collins, University of Wisconsin - Madison*
- *Ben Fulton, Indiana University*

2:30pm - Break

3:00pm - AI and Cyberinfrastructure (*Karen Tomko, Ohio Supercomputer Center*)

- *Beth Plale (Indiana University, privacy)*
- *Raghu Machiraju (Ohio State University, ICICLE)*
- *Rob Kooper (National Center for Supercomputing Applications, AIFARMS)*

4:00pm - Meeting close

Speaker Bios

Jake Utley

Prior to joining Oak Ridge National Laboratory Jake served in the U.S. Air Force and held numerous roles in the Defense Industrial Base. His primary focus is on HPC and non-standard IT security engineering, previously providing support to Next Generation Strike Systems, Army Integrated Air and Missile Defense Battle Command System, and the Air Force Research Laboratory. Jake graduated from the Florida Institute of Technology (Melbourne) with a Master of Business Administration in Cybersecurity and holds numerous industry certifications. Outside of work, he enjoys coaching youth football, spending time with his wife and two boys, and flying drones.

Kendall Blaylock

Kendall Blaylock currently serves as the Information Security Manager for the High Performance Computing Collaboratory at Mississippi State University. As the ISM, Kendall oversees the daily security operations and regulatory compliance posture of the HPC2. Previously, Kendall has been fortunate to train law enforcement and US Veterans in the field of digital forensics.

Michael Navicky

Mike Navicky is the Deputy Director for of the High Performance Computing Collaboratory (HPC2) at Mississippi State University, Mike oversees computing, data storage, data communications and general operations for the HPC2. Mississippi State University houses the 7th fastest supercomputer in academia along with 4 other supercomputing clusters. This computational power supports research in artificial intelligence, autonomous vehicles, cybersecurity, data science, weather modeling and other areas of applied research. Mike's current research focuses on the collection, exploitation and visualization of publicly available information. Prior to joining the Mississippi State University team in June 2021, Mike served 21 years in the United States Air Force. During this time Mike logged more than 3,000 flight hours in the C-17, MQ-1 and MQ-9. In 2016 Mike transitioned into cybersecurity serving to develop cybersecurity policy during his assignment at the Pentagon in the Secretary of the Air Force CIO Office. Additionally, Mike served as the commander (CIO) of a 110 Airmen communications squadron providing network services for 6,000 users. Mike is a 1999 graduate of Indiana State University and a 2018 graduate of the United States Army War College.

Lee Liming

Lee Liming is the Director of Globus Professional Services at the University of Chicago and Argonne National Laboratory, leading a team of developers who use Globus services and the Globus platform to build and sustain innovative research and education applications and systems. Lee has held many different positions during his 20 years with Globus, including project manager, software development manager, technical writer, and subscriber engagement manager, and has contributed to a diverse set of sponsored research programs building systems to advance national supercomputing services, biomedical research and informatics,

civil engineering, and climate science. Lee holds a degree in Computer Engineering from the University of Michigan.