AGENDA
Winter 2025 Exascale Computing Roundtable Meeting
February 3, 2025
1:00-3:30 p.m. CST
https://argonne.zoomgov.com/j/1619525749

1:00-1:03 Logistics and Welcome
David Martin, Co-Executive Director, ECR
Suzy Tichenor, Co-Executive Director, ECR

1:03-1:10 Welcome from the Co-Chairs
Donovan Mathias, Chief of the NASA Advanced Supercomputing Division, NASA
Pete Bradley, Principal Fellow, Digital Tools and Data Science, RTX Pratt & Whitney

1:10-1:40 What's New at the LCFs
Mike Papka, Deputy Associate Laboratory Director for Computing, Environment and Life Sciences. and Director, Argonne Leadership Computing Facility, ANL

Arjun Shankar, Division Director, National Center for Computational Sciences and the Oak Ridge Leadership Computing Facility, ORNL

Emerging Accelerated Architectures

1:40-1:55 Directions in Supercomputing Hardware
Al Geist, Frontier Project Director, Oak Ridge Leadership Computing Facility, ORNL

1:55-2:00 Survey Results: Quantum Questions
David Martin, Co-Executive Director, ECR
Suzy Tichenor, Co-Executive Director, ECR

2:00-2:15 Using Quantum Computing
Tom Beck, Section Head Science Engagement, Oak Ridge Leadership Computing Facility, ORNL

2:15-2:25 Lightning Talk on Quantum
Ken Merz, Principal Investigator, Kenneth Merz Laboratory, Cleveland Clinic Lerner Research Institute

2:25-2:40 Discussion/Questions on Quantum
Pete Bradley, Principal Fellow, Digital Tools and Data Science, RTX Pratt & Whitney

2:40-2:55 Using AI Accelerators
Venkat Vishwanath, Data Science Lead, Argonne Leadership Computing Facility, ANL

2:55-3:05 Lightning Talk on AI
Rick Arthur, Senior Principal Engineer, Computational Methods Research, GE Aerospace Research

3:05-3:20 Discussion/Questions on AI Accelerators
Donovan Mathias, Chief of the NASA Advanced Supercomputing Division, NASA

3:20-3:30 Next Steps/Adjourn
Mike Papka, Deputy Associate Laboratory Director for Computing, Environment and Life Sciences. and Director, Argonne Leadership Computing Facility, ANL

Arjun Shankar, Division Director, National Center for Computational Sciences and the Oak Ridge Leadership Computing Facility, ORNL