Computing and Computational Sciences Directorate

Computational Sciences and Engineering Division

- Advanced Computing Methods for Physical Sciences
- Computational Earth Sciences
- Computational Chemistry and Nanomaterials Sciences
- Multiscale Materials
- Quantum Computational Science
- Quantum Information Science
- Advanced Computing Methods for Engineered Systems
- Scalable Algorithms and Coupled Physics
- Computational Systems and Engineering and Cybernetics
- Multiphysics Modeling and Flows
- Autonomous and Complex Systems
- Computational and Urban Sciences
- Advanced Computing for Health Sciences
- Biostatistics and Multiscale Systems
- Multimodal Data Analytics

Computer Science and Mathematics Division

- Mathematics in Computation
- Discrete Algorithms
- Data Analysis and Machine Learning
- Multiscale Methods
- Systems and Decision Sciences
- Computing Systems
- Beyond Moore
- Architectures and Performance
- Intelligent Systems and Facilities
- Programming Systems
- Software Engineering
- Application Engineering
- Data and AI Systems
- Visualization
- Learning Systems
- Workflow Systems
- Performance Engineering
- Data Engineering

National Center for Computational Sciences

- Systems
- HPC Infrastructure Operations
- HPC Computing
- HPC Storage and Archive
- HPC Infrastructure and Networking
- HPC Clusters
- HPC Cybersecurity and Information Engineering
- Operations
- User Assistance – Production Systems
- User Assistance – Pre-Production Systems
- Application Development and User Access
- Platforms
- Outreach and Communications
- Science Engagement
- Advanced Computing for Chemistry and Materials
- Advanced Computing for Nuclear, Particles, and Astrophysics
- Advanced Computing for Life Sciences and Engineering
- Algorithms and Performance Analysis
- Advanced Technologies
- AI Analytics Scalable Methods
- Data Lifecycle and Scalable Workflows
- Technology Integration