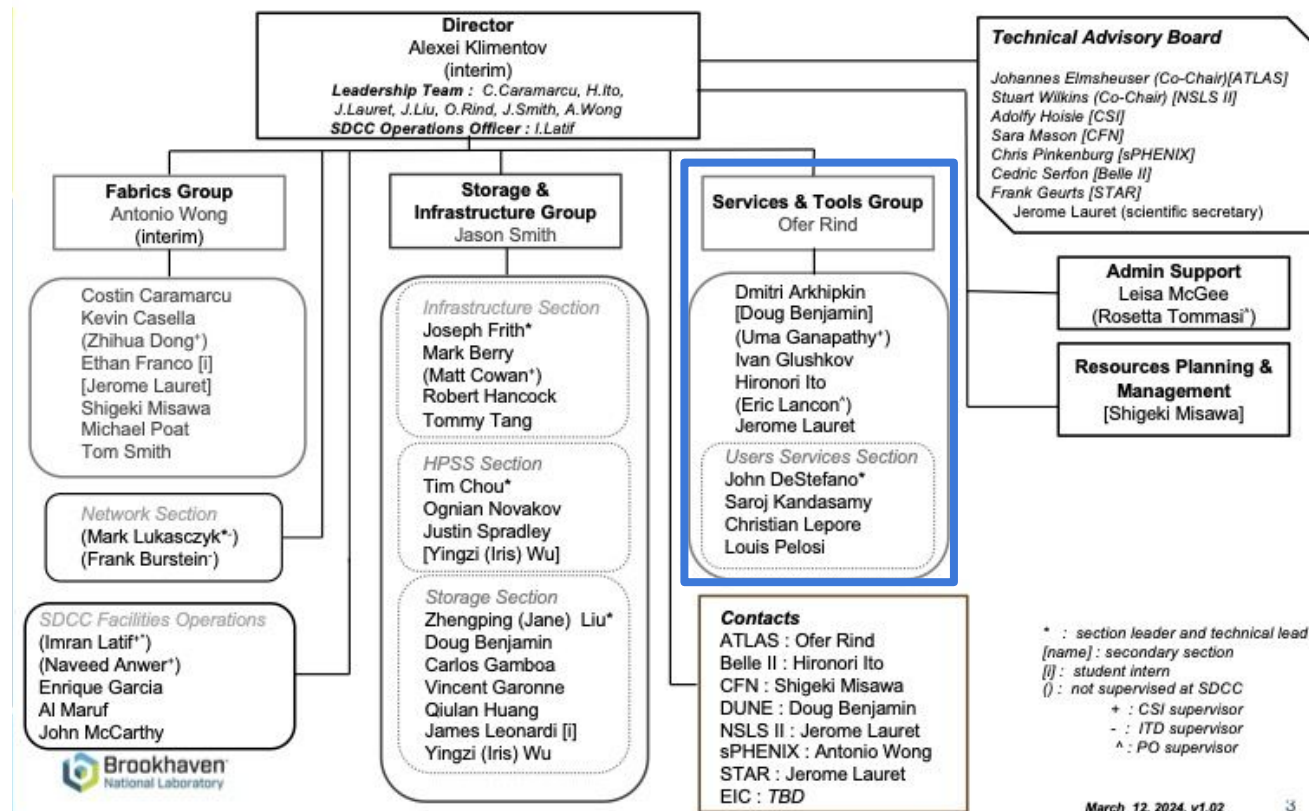# Services & Tools Group

- The Services & Tools Group deploys and supports many of the "user-facing" services and interfaces at the SDCC, from web services, to middleware, to account interfaces, and more
  - This often involves working closely not just with experiment liaisons but individual researchers
- Other experiment workflow specific services, such as CVMFS and Frontier caching, are also supported
- In the wake of the recent SDCC re-org, this group's responsibilities are still evolving somewhat, to align with facility priorities

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Services & Tools Group

- Ofer Rind - GL
- User Services section
  - John De Stefano * - Technical Lead
  - Saroj Kandasamy
  - Christian Lepore
  - Louis Pelosi
- General Services and Tools
  - Dmitry Arkhipkin
  - Doug Benjamin - primarily S&I Group
  - Uma Ganapathy - CSI
  - Ivan Glushkov
  - Hironori Ito
  - Eric Lancon
  - Jerome Lauret

Services & Tools Group

- Responsibilities:
  - WBS 2.3.1 (Tier-1)
    - BNL Tier-1 ADC Contact
    - Frontier Squid
    - BNL FTS
    - CVMFS local Stratum Zero, OSG & WLCG Stratum One
    - User Accounts, VOMS, Keycloak, CoManage support
    - NoMachine/NX Interactive Login Portal
    - Websites - US ATLAS, SDCC (Drupal)
    - Federated Access (Keycloak)
  - WBS 2.3.3, WBS 2.4.2 (HPC Ops, Workflow Porting)
    - US ATLAS HPC operations/development
  - WBS 2.3.4 (Analysis Facilities Operation)
    - US ATLAS Tier-3/Analysis Facility (Jupyterhub)
  - WBS 2.3.5.1 (ADC Ops)
    - US ATLAS Cloud Operations support and ADC Liaison
    - Network throughput testing on US Cloud
  - WBS 3
    - LAr database support

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Services & Tools Group

- Responsibilities:
  - Belle-II
    - Rucio/FTS & DIRAC workflow support
    - Conditions DBs
  - Nuclear Physics Projects
    - STAR & sPHENIX DBs (DAQ, conditions, calibrations, hardware inventories, etc.)
    - STAR, sPHENIX, EIC Collaborative Tools (shift signup, phonebook, etc.)
    - InvenioRDM Document Repository - sPHENIX, EIC
  - DUNE
    - Data management co-lead
    - DUNE-US Level 2 mgr - computing operations
  - US ATLAS Discourse Server, Mattermost, Jira, RT
  - BNL Box Sync & Share

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Services & Tools Group

- Current Activities:
  - Belle-II Run 2
    - Support for Belle-II analysis on Jupyterhub
  - Preparations for sPHENIX and STAR runs
  - DUNE data management
  - Working with other groups on ATLAS Alma9 validation and IPv6 worker nodes
  - NX update to RHEL 8
  - Mattermost DB migration
  - Reviewing US ATLAS CoManage/Drupal account creation process
  - BNL Box VM migration
  - EIC InvenioRDM deployment
  - Deploying a new internal documentation service
  - ATLAS VO support, VOMS->IAM transition testing & support
  - LAr Production/Phase 2 database to be developed for US deliverables

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