

# LDMS USER GROUP MEETING

March 10, 2025

# Agenda

- LDMSCON2025 News
- V4.5.1 Status Updates
- Q&A

# LDMSCON2025 News

- **Date:** June 24 - 26, 2025
- **Venue:** David Rubenstein Forum, University of Chicago
- **Registration opens next week**
  - Link will be sent to the community
- **Call for Presentations is NOW OPEN!**
  - Submit via EasyChair:  
<https://easychair.org/conferences?conf=ldmscon2025>
  - Rolling submissions with feedback within 1-2 weeks
  - Deadline: May 23, 2025
  - Presentation Materials: June 20, 2025



# Call-for-Presentations – Share your Experience!

- **Formats:**
  - **30-minute Presentations:** Site experiences, installation approaches, data analysis techniques, performance monitoring, innovative LDMS uses
    - **Requirement:** 500-word abstract maximum
  - **15-minute Lightning Talks:** Desired capabilities, implementation challenges, collaboration ideas, early work
    - **Requirement:** 250-word abstract maximum
- **The community needs YOUR insights and experiences**
  - Help shape future LDMS improvements, configurations, and methods for extracting actionable insights from monitoring data for system and application performance analysis



## V4.5.1 Status Updates

- Multi-instance Plugin APIs have been merged
- Introducing:
  - **Event-based Storage:** Offloads storage operations from IO threads to dedicated storage threads
    - **Benefits:** Reduce IO thread latency and scales better under high data collection rates or high storage overhead
- Functionality testing is in progress as going well
- On track for releasing V4.5.1 before LDMSCON2025
- **Reminder:**
  - Original target feature freeze: March 24, 2025
  - Proposed new date: **March 31, 2025** (1-week extension)

# Q&A

- Tom and Chris are coordinating on improving/fixing the multi-instance plugins
- Andrew will follow up on the specification of the new Slingshot NIC to be sent to appropriate channels (at least to Tom, Chris, and John)
- A list of selected new features in v4.5.1 at the next meeting
- Ben A. pointed out to Issue 1597:  
<https://github.com/ovis-hpc/ldms/issues/1597>

Thank you!