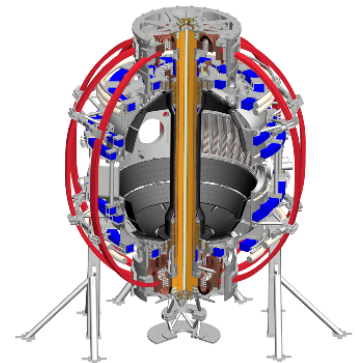


# Real-time Data Sharing Comparisons Between NSTX-U, DIII-D, and KSTAR

Keith Erickson, M. Dan Boyer

Real-Time 2018  
Williamsburg, VA  
June 11-15, 2018



# Real-time Interconnects in Fusion

## Comparison Points of Interest

- Latency, jitter ( $\mu\text{s}$ )
- RDMA vs PIO
- Remote device support
- RT OS support
- Expandability
- Scalability

Poster 609

