East Coast Town Hall

IBM's T.J. Watson Research Center
Yorktown Heights, NY
June 6-7, 2023

Version 3.0

The STEP East Coast Town Hall is a by-invitation, in-person event orchestrated in support of DOE/ASCR's Sustainable Software initiative. The purpose of the STEP Town Hall meetings is to develop a strategic action plan for DOE/ASCR which details a recommended path for sustaining a tools ecosystem for High Performance Computing (HPC) over the long term. Participants will collaboratively explore the current HPC tools space and develop solutions to the sustainability challenges.

This town hall is the first in a series of three to be held in the summer of 2023. The town halls will collectively cover overlapping topics to ensure coverage for participants who are only able to attend a subset. The first one will have a heavier focus on cross-cutting topics, community building, and information collection in order to kick off the series.

Breakout room participants will be randomly assigned in order to encourage broad perspectives on cross-cutting topics.

Day 1 (June 6th, 2023)

Time	Topic – Items marked with blue font will be available online via Webex for remote observers
9:00 - 9:15	Introduction and Logistics (Terry Jones, ORNL)
9:15 - 10:00	Opening Remarks (Hal Finkel, DOE)
10:00 - 10:30	Break
10:30 - 11:15	Plenary: Perspectives on The Exploding Hardware Problem (John Mellor-Crummey, Rice University)
11:15 - 12:00	Panel: Perspectives on The Exploding Use Case Problem (Moderator: Mike Jantz, Univ. of Tennessee) ● Amadeo Perazzo (SLAC) ● Kerstin Kleese Van Dam (BNL) ● Sam Reeve (ORNL)
12:00 - 12:15	Guidance, Logistics and Desired Outcomes for Breakouts (Terry Jones, ORNL)
12:15 - 1:30	Working Lunch (Provided)
1:30 - 3:00	Breakouts Session 1: The Exploding Hardware Challenge 1. Support Obstacles (session lead: Devesh, Northeastern University) 2. Coverage (session lead: Kshitij Doshi, Intel Corp) 3. Vendor Engagement (session lead: Heike Jagode, University of Tennessee) 4. Event Correlation (session lead: John Mellor-Crummey, Rice University)
3:00 - 3:30	Break
3:30 - 5:00	Breakouts Session 2: The Exploding Use Case Challenge 1. Tool Outcomes (Session lead: Tim Haines, University of Wisconsin) 2. New Capabilities (Session lead: Jim Brandt, Sandia National Laboratories) 3. User Interaction (Session lead: Sameer Shende, University of Oregon) 4. Gaps (Session lead: James Custer, Hewlett Packard Enterprise)
5:00 - 5:30	Closing and Guidance for Day 2

Day 2 (June 7th, 2023)

Time	Topic – Items marked with blue font will be available online via Webex for remote observers
8:45 - 8:50	Introduction and Day 2 Logistics (Terry Jones, ORNL)
8:50 - 9:10	Report out summaries from Session 1: The Exploding Hardware Challenge 5. Support Obstacles (session lead: Devesh, Northeastern University) 6. Coverage (session lead: Kshitij Doshi, Intel Corp) 7. Vendor Engagement (session lead: Heike Jagode, University of Tennessee) 8. Event Correlation (session lead: John Mellor-Crummey, Rice University)
9:10 - 9:30	Report out summaries from Session 2: The Exploding Use Case Challenge 5. Tool Outcomes (Session lead: Tim Haines, University of Wisconsin) 6. New Capabilities (Session lead: Jim Brandt, Sandia National Laboratories) 7. User Interaction (Session lead: Sameer Shende, University of Oregon) 8. Gaps (Session lead: James Custer, Hewlett Packard Enterprise)
9:30 - 10:15	Panel: Perspectives on The Coordination Challenge (Moderator: Jose Moreira, IBM) ● Matthew Legendre (LLNL) ● JaeHyuk Kwack (ANL) ● Dave Montoya (Trenza Synergy)
10:15 - 10:45	Break
10:45 - 12:15	Breakouts Session 3: The Coordination Challenge 1. Convention Standards (Session lead: Tim Haines, University of Wisconsin) 2. Deployment (Session lead: Matt Legendre, Lawrence Livermore National Laboratory) 3. Cross Facility (Session lead: Jose Moreira, IBM) 4. Dependencies (Session lead: Mike Jantz, University of Tennessee)
12:15 - 1:30	Working Lunch (provided)
1:30 - 3:00	Report out summaries for Session 3: The Coordination Challenge 1. Convention Standards (Session lead: Tim Haines, University of Wisconsin) 2. Deployment (Session lead: Matt Legendre, Lawrence Livermore National Laboratory) 3. Cross Facility (Session lead: Jose Moreira, IBM) 4. Dependencies (Session lead: Mike Jantz, University of Tennessee)
3:00 - 3:30	Break
3:30 - 4:15	Management Challenge (Terry Jones, ORNL & Phil Carns Argonne)
4:15 - 4:30	Closing Remarks / Adjourn (Terry Jones, ORNL)