

BOOTH #2238

TUESDAY 11/13

10:30 am – 11:00 am

A Scalable HPC System Architecture Support for iRODS
Data Ingest
David Wade, Integral Engineering

11:20 am – 12:00 pm

SC18 Cloud HPC Hack
Terrell Russell, iRODS

11:30 am – 12:30 pm

iRODS Capability: Automated Ingest
Alan King, iRODS

2:00 pm – 2:20 pm

Managing Data from the Edge to HPC
Terrell Russell, iRODS

2:30 pm – 3:30 pm

Pilot Study for a Cyberinfrastructure Center of Excellence
(CI CoE)
Ewa Deelman (USC/ISI), Anirban Mandal (RENCI),
Ilya Baldin (RENCI), Valerio Pascucci (Univ. of Utah),
Rob Ricci (Univ. of Utah), Jaroslaw Nabrzyski (Notre
Dame), Jane Wyngaard (Notre Dame), Susan Sons (IU),
Karan Vahi (USC/ISI), Mats Rynge (USC/ISI), Erik Scott
(RENCI), Paul Ruth (RENCI)

3:30 pm – 4:30 pm

Panorama 360: Performance Data Capture and Analysis
for End-to-end Scientific Workflows
Anirban Mandal (RENCI), Ewa Deelman (USC/ISI), Jeff
Vetter (ORNL), Mariam Kiran (LBNL), Cong Wang (RENCI),
George Papadimitriou (USC/ISI), Rafael Ferreira da Silva
(USC/ISI), Karan Vahi (USC/ISI), Rajiv Mayani (USC/ISI),
Vickie Lynch (ORNL)

WEDNESDAY 11/14

10:30 am – 11:30 am

SWIP – Scientific Workflow Integrity with Pegasus
Ilya Baldin (RENCI), Anirban Mandal (RENCI), Von Welch
(IU), Randy Heiland (IU), Raquel Loran (IU), Omkar Bhide
(IU), Ewa Deelman (USC/ISI), Karan Vahi (USC/ISI),
Mats Rynge (USC/ISI)

10:45 am – 11:00 am

Managing Data from the Edge to HPC
Terrell Russell, iRODS
At DDN booth #3213

11:30 am – 12:30 pm

SAFE Superfacilities using ExoGENI, Chameleon, and
ScienceDMZs
Yuanjun Yao (Duke), Qiang Cao (Duke), Cong Wang
(RENCI), Mert Cevik (RENCI), Paul Ruth (RENCI), Jeff
Chase (Duke)

12:00 pm – 12:20 pm

Managing Data from the Edge to HPC
Terrell Russell, iRODS
At DDN booth #3901

12:30 pm – 1:30 pm

Utilizing iRODS to Automate the Workflow in High
Performance Research Computing
Dave Fellingner, iRODS

1:30 pm – 2:30 pm

iRODS Capability: Storage Tiering
Justin James, iRODS

2:30 pm – 3:30 pm

DyNamo – Delivering a Dynamic Network-centric Platform
for Data-driven Science
Anirban Mandal (RENCI), Ewa Deelman (USC/ISI), Michael
Zink (UMass), Ivan Rodero (Rutgers), Cong Wang (RENCI),
Komal Thareja (RENCI), Paul Ruth (RENCI),
George Papadimitriou (USC/ISI), Eric Lyons (UMass),
JJ Villalobos (Rutgers)

3:30 pm – 4:30 pm

COMET: A Distributed Meta-data Service for Federated
Cloud Infrastructure
Cong Wang (RENCI), Komal Thareja (RENCI), Ilya Baldin
(RENCI)

THURSDAY 11/15

10:30 am – 11:30 am

iRODS Scalable RDBMS Table View Construction
David Wade, Integral Engineering

11:30 am – 12:30 pm

iRODS Capability: Automated Ingest
Alan King, iRODS

1:30 pm – 2:30 pm

Using iRODS for the Brain Image Library and HuBMAP
HIVE
Derek Simmel