

## OS/R PI Meeting Agenda

Date: May 23, 2016

Location:

Gleacher Center

450 N Cityfront Plaza Dr. room 204

Chicago, Illinois

Breakfast on your own (<http://www.illy-nbctower.com> for example)

- 0800 - 0815 Welcome and Meeting Goals (Sonia, Bill)
- 0815 - 0845 ARGO: Overview of Argo and OS/R Issues (Pete Beckman / Kamil Iskra)
- 0845 - 0915 ARGO: Argobots and lightweight threading (Pavan Balaji / Sanjay Kale)
- 0915 - 0945 ARGO: Global OS/R and Power (Martin Schulz / Swann Perarnau)
- 0945 - 1000 *Break*
- 1000 - 1030 HOBBS: Hobbes Overview and Update (Ron Brightwell)
- 1030 - 1100 HOBBS: Reimagining the Parallel OS/R Stack with Hybrid Runtimes (Peter Dinda)
- 1100 - 1130 HOBBS: Mini-Chkpts: Surviving OS Failures in Persistent Memory (Frank Mueller)
- 1130 - 1245 *Lunch (walk to restaurant Labriola)*
- 1245 - 1330 *Post Moore's Law Research*  
*Rob Rutenbar, UIUC CS Chair, "'Custom Hardware Accelerators for Statistical Inference in Machine Learning"*
- 1330 - 1400 X-ARCC: Overview and Results (Steven Hofmeyr)
- 1400 - 1445 Panel Discussion: Technology transition opportunities, lessons learned, and current gaps
- Panelists: Larry Kaplan, Cray  
Eric Van Hensbergen, ARM  
Mike Schulte, AMD  
Bob Wisniewski, Intel  
Yoonho Park, IBM
- Moderators: Pete Beckman and Ron Brightwell
- 1445 - 1545 Open discussion: Future research and gaps for exascale and beyond
- How OS/R will adapt as Moore's Law ends:  
Moderator: Pete Beckman
- U-Stack - a software architecture for enabling and supporting research  
Moderator: Ron Brightwell
- Ensuring application and OS/R integration in future research  
Moderator: Steven Hofmeyr
- 1545 - 1600 *Break*
- 1600 - 1700 Plenary demos from ARGO and HOBBS (30 min each)
- MOVE TO ROOM NEXT DOOR
- 1700 - 1830 Technology Marketplace (stations with posters, demos, flyers, hands-on technology...)