

PEARC20 Workshop - Facilitation Strategies and Experiences for Research Use of Cloud Computing

Agenda/Schedule

Monday, July 27, 2019 8:00a-5:00p PDT

Speaker	Institution	Presentation Topic	Time -- PDT	
			Start	End
<u>Workshop Kick-Off, Workshop Sponsor Presentations</u>				
Brian D. Voss & Nick Weber		Welcome and and Workshop Introduction	8:00	8:15
Brian D. Voss	Indiana U. - PTI	Humans in the Loop – The Critical Role People Play in Advancing Research with Cloud Cyberinfrastructure	8:15	8:45
Nick Weber	NIH - STRIDES	Two-part presentation: Part 1: A primer and update on the NIH STRIDES Initiative; Part 2: An overview and review of NIH's Managed Cloud Environments	8:45	9:30
<u>Community Projects and Programs Sessions -- 30 min talk, 10 min Q&A</u>				
Jamie Sunderland	Internet2	Community Update: Internet2 "Exploring Clouds for Acceleration of Science (E-CAS)" project in partnership with representative commercial cloud providers to accelerate scientific discoveries.	9:30	10:10
Shava Smallen	UC San Diego	Community Update: CloudBank, a cloud access entity aiding the computer science community to access and use public clouds for research and education by delivering a set of managed services designed to simplify access to public clouds.	10:10	10:50
PARTICIPANT DISCUSSION/FURTHER Q&A FOR OPENING PRESENTERS			10:50	11:00
<i>Break</i>			11:00	11:15
<u>CFP Submission Presentations</u>				
Donald 'Rick' McMullen	Indiana U. - PTI	A Strategic Approach to Cloud Services in Academic Research Computing Support	11:15	11:45
Craig Stewart	Indiana U. - PTI	Financial returns on federal investment in XSEDE: A half decade of results	11:45	12:15
<u>LUNCH Break -- attendees get food and return</u>			12:15	12:30
James McCombs	Indiana U.	A Hybrid On-premises and Public Cloud Attention Clustering Workflow	12:30	1:00
Marlon Pierce	Indiana U.	Integrating Science Gateways with Secure Cloud Computing Resources	1:00	1:30
PARTICIPANT DISCUSSION/FURTHER Q&A FOR CFP PRESENTERS			1:30	1:50
<i>Break</i>			1:50	2:00
<u>HARC Project / CRSE-phase2 Presentations</u>				
Matt Vander Werf	Notre Dame	Case Studies on Migrating Cloud Research Platforms	2:00	2:30
Kim Wong	U-Pittsburgh/PSC	Killing Two Birds with One Stone: Cloud Bursting	2:30	3:00
Robert Podschwadt	Georgia State U.	GSU system architecture for cloud-based privacy preserving machine learning and its challenges and opportunities	3:00	3:30
Chris Kurtz	Arizona State U.	Using industry standard cloud-neutral tools to create a commonly architected, orchestrated, and secure environment that can easily be deployed to any of the common Cloud Providers.	3:30	4:00
PARTICIPANT DISCUSSION/FURTHER Q&A FOR HARC CRSE2 PRESENTERS			4:00	4:20
Brian D. Voss & Nick Weber	Session Wrap	Participant Questions, Comments, Viewpoints and discussion as time permits	4:20	5:00