CASC Fall 2017 Meeting

October 11-13, 2017
Westin Westminster, Colorado

Thank you to the Program Committee Members:
Jay Aikat (RENCI)
Marisa Brazil (Purdue University)
Byoung-Do Kim (University of Virginia)
Richard Knepper (Cornell University)
Shelley Knuth (University of Colorado Boulder)
Bill Kramer (University of Illinois Urbana-Champaign)
Ruth Marinshaw (Stanford University)
Patrick Messer (University of New Hampshire)
Jeff Pummill (University of Arkansas)
Patrick Schmitz (University of California Berkeley)
Lisa Arafune, CASC Director (Ex Officio)
Sharon Broude Geva, CASC Vice-Chair (Ex Officio) (University of Michigan)

Wednesday, October 11

11:30 am	***Lunch***	
		Promenade Plaza
12:30 - 12:45 CASC Meeting Opens	**Welcome** Rajendra Bose, Columbia University, CASC Chair **Crowdsourcing Project: Metrics for HPC Centers** Sharon Broude Geva, University of Michigan, CASC Vice-Chair	*The Lake House*
12:45 – 1:45	**National Center for Atmospheric Research** Anke Kamrath, Director, Computational and Information Systems Laboratory (NCAR)	*The Lake House*

1:45 – 2:15	**Lightning Talks - 5-8 min with 2-3 slides max**	*The Lake House*
	Dana Brunson, Oklahoma State University: *Campus Champions Update*	
	David E. Hudak, Ohio Supercomputer Center: *Open OnDemand 1.0: Web and Interactive HPC Access Now Available*	
	Derek Leydig, PSC: *User Development and onboarding challenges for HPC*	
	Shannon McKeen, RENCI: *Building and Maintaining Consortia: NCDS, iRODS and FCIC*	
2:15 – 2:30	**National Institutes of Health: NIH-HPC and NSCI**	*The Lake House*
	Susan Gregurick, National Institutes of Health	
2:30 - 3:30	**National Renewable Energy Laboratory**	*The Lake House*
	Steven Hammond, Center Director, NREL Computation Center	
3:30 – 4:00	*Coffee Break*	*The Lake House & Promenade Plaza*
4:00 – 4:20	**CaRC Update**	*The Lake House*
	Tom Cheatham, University of Utah	
4:20 - 4:45	**CASC - CaRC Collaboration: Open Discussion**	*The Lake House*
	Rajendra Bose, Columbia University, CASC Chair	
4:45 – 5:00	**Report on PEARC17; Looking to PEARC18**	*The Lake House*
	Dave Hart, National Center for Atmospheric Research (NCAR)	
5:00 - 5:30	**XSEDE 2.0 Update**	*The Lake House*
	John Towns, University of Illinois (NCSA)	
6:00 – 9:30	*Networking Reception & Dinner*	*Tesoro Cultural Center & The Fort*
	Please bring a warm jacket, meet at hotel lobby.	
	Bus ride to the **Tesoro Cultural Center** for a tour, followed by a reception and dinner at **The Fort**	

Thursday, October 12

| 8:00 am | **Continental Breakfast** | |
| | | *The Lake House* |

| 9:00 – 10:00 | **Best Practices for HPC Centers Supporting Industrial Partners** | |
| | Bill Kramer, University of Illinois (NCSA) | *The Lake House* |

| 10:00 - 10:30 | **North Carolina Report on Big Data** | |
| | Shannon McKeen, University of North Carolina Chapel Hill | *The Lake House* |

| 10:30 - 11:00 | **Coffee Break** | *The Lake House & Promenade Plaza* |

| 11:00 – 11:15 | **Research Data Management Implementation (RDMI) Workshop and Project** | |
| | Birali Runesha, The University of Chicago | *The Lake House* |

11:15 – 11:30	**UK HPC SIG Update**	
	Simon Burbidge, University of Bristol	*The Lake House*
	Alan Real, Durham University	

| 11:30 – 11:45 | **Compute Canada** | |
| | Lindsay Sill, WestGrid | *The Lake House* |

| 11:45 – 12:15 | **Cybersecurity Best Practices for HPC** | |
| | Warren Raquel, University of Illinois (NCSA) | *The Lake House* |

| 12:15 – 1:15 pm | **Lunch** | |
| | | *Promenade Plaza* |

| 1:15 – 1:45 | **Cloud Day: Cloud solutions for research computing** | |
| | Patrick Schmitz, University of California, Berkeley | *The Lake House* |

1:45 – 2:45	**Cloud Day: Current use cases at academic institutions**	*The Lake House*
	Moderator: Ruth Marinshaw, Stanford University	
	Sergiu Sanielevici, Pittsburgh Supercomputing Center	
	Patrick Schmitz, University of California, Berkeley	
	Byoung-Do Kim, University of Virginia	
	Rich Knepper, Cornell University	
	Preston Smith, Purdue University	

| 2:45 - 3:15 | ***Coffee Break*** | *The Lake House &* *Promenade Plaza* |

3:15 - 4:15	**Cloud Day: Open Discussion on Challenging Issues**	*The Lake House*
	Moderator: Ruth Marinshaw, Stanford University	
	Sergiu Sanielevici, Pittsburgh Supercomputing Center	
	Patrick Schmitz, University of California, Berkeley	
	Byoung-Do Kim, University of Virginia	
	Rich Knepper, Cornell University	
	Preston Smith, Purdue University	

4:15 – 4:45	**Lightning Talks** *(cont'd)* **- 5-8 min with 2-3 slides max**	*The Lake House*
	Joan Peckham, University of Rhode Island: *Why Big Data, Data Science and AI in the library?*	
	Ralph Roskies, University of Pittsburgh: *Survey Discussion on Contributed Equipment*	
	Thomas Hauser, University of Colorado at Boulder: *XSEDE auth - Providing Access to Campus Resources*	
	Open Mic - quick 2-3 min, no slides	
	Rachana Ananthakrishnan, University of Chicago, Globus: *Globus for protected data management*	

| 4:45 – 5:00 | **Review: Metrics for HPC Centers Crowdsourcing** | *The Lake House* |
| | Sharon Broude Geva, University of Michigan, CASC Vice-Chair | |

| 6:00 – 7:30 | ***Networking Reception*** | *The Kachina Restaurant,* *Westin Westminster* |
| | *Heavy hors d'oeuvres* | |

Friday, October 13

8:00 am	**Continental Breakfast**	
		The Lake House
8:30 − 9:00	**National Research Platform (NRP) Workshop**	
	Patrick Schmitz, University of California, Berkeley	*The Lake House*
9:00 − 10:00	**Facilities & Administrative Cost Recovery: Yesterday, Today, Tomorrow?**	
	Jeffrey Silber, Cornell University	*The Lake House*
10:00 - 11:00	**National Science Foundation**	
	NSF/OAC FY2018 Priorities	*The Lake House*
	Updated responses to the 2016 NAS Recommendations	
	RFI 2030 Results	
	Irene Qualters, National Science Foundation	
	Bill Miller, National Science Foundation	
11:00 − 11:30	**Coffee Break**	
		The Lake House & Promenade Plaza
11:00 - noon	**CASC Business Meeting**	
	Rajendra Bose, CASC Chair	*The Lake House*
	Meeting Planning Session Report	
	SuperComputing 2017 Luncheon	
	Membership: Neil Bright, Secretary, CASC	
	Finances: Andrew Sherman, Treasurer, CASC	
	Program Committee: Sharon Broude Geva, Vice-Chair, CASC	
	Washington Report: Lisa Arafune, Director, CASC	
Noon	**Adjourn**	

Save the Date: CASC Spring 2018 Meeting

March 14-16, 2018

Westin Alexandria, Alexandria, VA