CASC Fall 2018 Meeting

October 3-5, 2018
Westin Alexandria, Virginia

Thank you to the Program Committee Members:
Dave Hudak (Ohio Supercomputing Center)
Karen Tomko (Ohio Supercomputing Center)
Jaime Combariza (Johns Hopkins University)
Richard Knepper (Cornell University)
Jeremy A Frumkin (University of Arizona)
Wayne Figurelle (Pennsylvania State University)
Mehmet Belgin (Georgia Institute of Technology)
Byoung-Do (BD) Kim (University of Virginia)

Lisa Arafune, CASC Director (Ex Officio)
Sharon Broude Geva, CASC Vice-Chair (Ex Officio) (University of Michigan)

Wednesday, October 3

10:30 am	**Registration open**	*Edison E,F,G Foyer (2nd Floor)*
10:30 -11:30 am	***Welcome Coffee - for NEW and First Time Attendees***	*Hotel Restaurant The Trademark (1st floor)*
12:00 noon	***Lunch***	*Edison E,F,G Foyer & Wright (2nd Floor)*
1:00 -1:05 pm	**Welcome by CASC Chair**	*Edison E,F,G (2nd Floor)*

| 1:05 – 1:45 pm | **An Outsider's Inside View of the DOE** | *Edison E,F,G (2nd Floor)* |
| | Alex Larzelere, President, Larzelere & Associates | |

| 1:45 - 2:15 pm | **Introducing Frontera** | *Edison E,F,G (2nd Floor)* |
| | Dan Stanzione, Texas Advanced Computing Center at the University of Texas at Austin | |

2:15 – 3:15 pm	**Federation Across Institutions - Lessons Learned: What Causes Collaborations to Succeed/Fail?**	*Edison E,F,G (2nd Floor)*
	Moderator: Wayne Figurelle, Pennsylvania State University	
	Wayne Gilmore, Boston University Alan Sill, Texas Tech University Susan H. Mehringer, Cornell University Ralph Roskies, University of Pittsburgh Dane Skow, North Dakota State University	

| 3:15 - 3:30 pm | *Coffee Break* | *Edison E,F,G Foyer (2nd Floor)* |

3:30 - 4:10 pm	**Making Advisory Boards Actually Impactful**	*Edison E,F,G (2nd Floor)*
	Moderator: Karen Tomko (for Dave Hudak), The Ohio State University	
	Tom Furlani, University at Buffalo, SUNY John Towns, University of Illinois at Urbana-Champaign Ron Hutchins, University of Virginia	

4:10 – 4:50 pm	**Using Administrative Data to Examine the Scientific and Career Effects of HPC Use**	*Edison E,F,G (2nd Floor)*
	Moderator: Sharon Broude Geva, University of Michigan	
	Jason Owen-Smith, University of Michigan & The Institute for Research on Innovation and Science (IRIS)	

| 4:50 – 5:00 pm | **Measuring the Impact of Computational Research Facilities** | *Edison E,F,G (2nd Floor)* |
| | Jenni Evans, Pennsylvania State University | |

5:00 - 6:00 pm	**CASC Business Meeting - *Open to CASC Member Institutions***	*Edison E,F,G (2nd Floor)*
	Chair: Rajendra Bose, CASC Chair Mission Commission: Andrew Sherman, CASC Treasurer CASC Website Tour: Neil Bright, CASC Secretary Membership: Neil Bright, CASC Secretary Finances: Andrew Sherman, CASC Treasurer Program Committee: Sharon Broude Geva, CASC Vice-Chair Washington Report: Lisa Arafune, CASC Director	
6:00 – 7:30 pm	***Reception - hors d'oeuvres***	*Edison E,F,G Foyer (2nd Floor)*
	Westin Alexandria, Edison Foyer, 2nd Floor	

Thursday, October 4

8:00 am	***Continental Breakfast***	*Edison E,F,G Foyer & Wright (2nd Floor)*
9:00 – 10:00 am	**NSF Office of Advanced Cyberinfrastructure Update**	*Edison E,F,G (2nd Floor)*
	Manish Parashar, NSF CISE/OAC Amy Friedlander, NSF CISE/OAC	
10:00 - 10:45 am	**NSF CI 2030 and Beyond: A Community Discussion**	*Edison E,F,G (2nd Floor)*
	Gwen Jacobs, University of Hawaii	
10:45 - 11:00 am	***Coffee break***	*Edison E,F,G Foyer (2nd Floor)*
11:00 - 11:45 am	**Department of Energy, Office of Science**	*Edison E,F,G (2nd Floor)*
	Rich Carlson, DOE	
11:45 – 12:15 pm	**An Introduction to Summit, The World's Smartest Supercomputer**	*Edison E,F,G (2nd Floor)*
	Bronson Messer, Oak Ridge National Laboratory & University of Tennessee, Knoxville	

| 12:15 – 1:15 pm | ***Lunch*** | |
| | | *Edison E,F,G Foyer & Wright (2nd Floor)* |

1:15 – 2:45 pm	**Open Storage Network**	
	Moderator: Jaime Combariza, Johns Hopkins University	*Edison E,F,G (2nd Floor)*
	Alex Szalay, Johns Hopkins University Rachana Ananthakrishnan, University of Chicago & Argonne National Laboratory	

| 2:45 - 3:15 pm | **Software Citation** | |
| | Daniel S. Katz, University of Illinois at Urbana-Champaign & NCSA | *Edison E,F,G (2nd Floor)* |

| 3:15 - 3:30 pm | ***Coffee Break*** | |
| | | *Edison E,F,G Foyer (2nd Floor)* |

| 3:30 - 4:00 pm | **The Molecular Sciences Software Institute: MOLSSI** | |
| | Daniel Crawford, Virginia Tech | *Edison E,F,G (2nd Floor)* |

4:00 - 5:00 pm	**Lightning Talks (5-8 min with 2-3 slides)**	
	Thomas Hauser, University of Colorado Boulder, *Center for Research Data and Digital Scholarship at CU Boulder*	*Edison E,F,G (2nd Floor)*
	Tom Furlani, University at Buffalo, SUNY, *ColdFront: Open Source Resource Allocation System for HPC Centers*	
	Daniel S. Katz, University of Illinois at Urbana-Champaign & NCSA, *PARSL- A Python parallel scripting library;* *US Research Software Sustainability Institute (urssi.us);* *Research Software Engineers*	
	Rachana Ananthakrishnan, University of Chicago & Argonne National Laboratory, *New Globus Features, Help Manage Protected Data, CUI, HIPAA, etc*	

Open Mic - quick 2-3 min, no slides

Kim F Wong, University of Pittsburgh, *Predictors of Turnout for User Training Workshops*

Erik Deumens, University of Florida, *CUI Compliance assessed at UF by 3PAO*

| 5:30 – 6:30 pm | ***National Inventors Hall of Fame Museum tour and reception*** | |
| | - Walking or hotel shuttle (3 blocks from hotel)
- Located in USPTO Madison Building
- Light appetizers and beverages available | *600 Dulany St.*
Alexandria, VA |

| 6:30 – 9:00 pm | ***Dinner at The Columbia Firehouse Restaurant in Old Town*** | |
| | - Walking 1.2 mi, 26 min.
- Shuttle bus provided from Museum at 6:30
- Shuttle bus return to Westin at 9:00
- Hotel shuttle can be called anytime (571) 237-1914 | *109 S. St. Asaph St.*
Alexandria, VA |

Friday, October 5

| 8:00 am | ***Continental Breakfast*** | *Edison E,F,G Foyer &*
Wright (2nd Floor) |

| 8:30 – 9:00 am | **Cyberinfrastructure Professionals Internship Program at NCSA** | *Edison E,F,G (2nd Floor)* |
| | Daniel LaPine, University of Illinois at Urbana-Champaign & NCSA | |

| 9:00 – 9:45 am | **Toward a Roadmap for AI: An NSF Perspective** | *Edison E,F,G (2nd Floor)* |
| | Henry Kautz, NSF, Information & Intelligent Systems (CISE/IIS) | |

| 9:45 - 10:05 am | **Call for Research Data Management Implementation (RDMI) Working Group** | *Edison E,F,G (2nd Floor)* |
| | Hakizumwami Birali Runesha, University of Chicago | |

| 10:00 – 11:00 am | ***Coffee Break (ongoing)*** | *Edison E,F,G Foyer (2nd Floor)* |

10:05 – 10:25 am	**Call for Hardware Services Survey Group**	
	Blake Joyce, University of Arizona	*Edison E,F,G (2nd Floor)*

10:25 - 10:40 am	**CaRC Update**	
	Tom Cheatham, University of Utah & CaRC	*Edison E,F,G (2nd Floor)*

10:40 – 11:10 am	**NIH Data Science Strategic Plan**	
	Susan Gregurick, NIH NIGMS	*Edison E,F,G (2nd Floor)*

11:10 – 11:30 am	**UK HPC-SIG Updates - UK Cloud and Research Software Engineer (RSE) Initiative**	
	Alan Real, Durham University	*Edison E,F,G (2nd Floor)*

11:30 - noon	**Cloud ROI Working Group Update**	
	Alan Sill, Texas Tech University	*Edison E,F,G (2nd Floor)*

Noon	**Adjourn**	
		Edison

Save the Date: CASC Spring 2019 Meeting

March 20-22, 2019

Westin Alexandria, Alexandria, VA