



CASC Spring 2019 Meeting

March 20-22, 2019

Westin Alexandria, Virginia

Thank you to the Program Committee Members:

Marisa Brazil, Purdue University

Dhruv Chakravorty, Texas A&M University

Richard Gerber, Lawrence Berkeley National Laboratory

Nick Maggio, University of Oregon

Ruth Marinshaw, Stanford University

Jeff Pummill, University of Arkansas

Ralph Roskies, University of Pittsburgh

Lisa Arafune, CASC Director (Ex Officio)

Neil Bright, CASC Vice Chair (Ex Officio), Georgia Institute of Technology

Wednesday, March 20

8:30 am	Registration open, Breakfast NEW and First-time attendees welcome breakfast table	<i>Edison Foyer</i>
9:00 -12:00 pm	Academic Usage of Data Centers and Clouds ROI working group - Welcome Curtis Hillegas, Princeton University Alan Sill, Texas Tech University	<i>Edison EFG</i>
9:00 - 9:30 am	Cloud ROI Survey: Current status and near-term plans Facilitator: Curt Hillegas (Princeton University) 1) Review of relevant past surveys 2) CASC survey	<i>Edison EFG</i>
9:30 - 10:15 am	Cost accounting considerations Facilitator: Curt Hillegas (Princeton University) 1) Discussion: How do we compute the full cost of running on premises vs. in co-location or in the commercial cloud? (With examples)	<i>Edison EFG</i>



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10:15 -10:45 am	Coffee Break	<i>Edison Foyer</i>
10:45 - 11:15 am	Discussion: Consortium pricing and shared-cost academic infrastructures Facilitator: Alan Sill (Texas Tech University) <ol style="list-style-type: none">1) Discussion of possible applicable organizations that could pursue consortium pricing from commercial providers2) Development of shared resources that could include a cost basis, such as the CCC project, etc.	<i>Edison EFG</i>
11:15 - 12:00 pm	Discussion: Challenges for R&D in the cloud Facilitator: David Hudak (Ohio Supercomputer Center) <ol style="list-style-type: none">1) Provisioning and using academic software2) Adapting university accounting systems for use of cloud resources3) Developing and supporting collaborative facilities to support academic research	<i>Edison EFG</i>
12:00 noon	Lunch	<i>Edison Foyer</i>
1:00 -1:15 pm	Welcome by CASC Chair Sharon Broude Geva, University of Michigan, CASC Chair	<i>Edison EFG</i>
1:15 – 2:30 pm	A Peek over the Quantum Horizon Moderator: Nick Maggio, University of Oregon Patrick Dreher, North Carolina State University Margaret Martonosi, Princeton University	<i>Edison EFG</i>
2:30 – 3:30	MAGIC: The Federal Large Scale Networking Interagency Working Group Moderator: Richard Gerber, Lawrence Berkeley National Lab Richard Carlson, Department of Energy Vipin Chaudhary, National Science Foundation Joyce Lee, National Coordination Office for Networking and Information Technology Research and Development	<i>Edison EFG</i>



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3:30 – 4:00	Coffee Break	<i>Edison Foyer</i>
4:00 – 4:30	Business meeting - Open to Member Institutions CASC Chair - Sharon Broude Geva, Chair Membership - Craig Stewart, Secretary Finances - Scott Yockel, Treasurer Program Committee - Neil Bright, Vice Chair Washington Report - Lisa Arafune, Director	<i>Edison EFG</i>
4:30 - 5:45	Mission & Vision Discussion; Bylaws Committee Callout Moderator: Erik Deumens, University of Florida, Mission & Vision Committee Chair Thank you to the Mission & Vision Committee Members: <i>Tom Cheatham, University of Utah</i> <i>Erik Deumens, Committee Chair, University of Florida</i> <i>Curt Hillegas, Princeton University</i> <i>Ruth Marinshaw, Stanford University</i> <i>Barr von Oehsen, Rutgers, The State University of New Jersey</i> <i>Ralph Roskies, University of Pittsburgh</i> <i>Patrick Schmitz, University of California, Berkeley</i> <i>Andrew Sherman, Yale University</i> <i>Dan Stanzione, University of Texas, Austin</i> <i>John Towns, University of Illinois, Champaign-Urbana</i> <i>Ralph Zottola, University of Alabama, Birmingham</i>	<i>Edison EFG</i>
5:30 – 7:00	Welcome Reception Heavy hors d'oeuvres	<i>Edison Foyer</i>

Thursday, March 21

8:00 am	Breakfast	<i>Edison Foyer</i>
8:30 – 9:00 am	Mission & Vision Part II; Bylaws Committee Callout Moderator: Erik Deumens, University of Florida, Mission & Vision Committee Chair	<i>Edison EFG</i>



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9:00 – 10:30 am	National Science Foundation Office of Advanced Cyberinfrastructure: Update on OAC; Introduction of New Program Directors; Townhall on CI Vision & Blueprint Manish Parashar, NSF CISE/OAC Amy Friedlander, NSF CISE/OAC Vipin Chaudhary, NSF CISE/OAC	<i>Edison EFG</i>
10:15 - 10:45 am	Coffee Break	<i>Edison Foyer</i>
10:45 – 11:15 am	An Association Example: Government Affairs Committee Damon Dozier, Materials Research Society	<i>Edison EFG</i>
11:15 – 12:00 noon	What is Federal Relations? A University Perspective Suzanne Day, Harvard University Anthony Gibson, University of Pittsburgh Robert Knotts, Georgia Institute of Technology	<i>Edison EFG</i>
12:00 – 1:00 pm	Lunch	<i>Foyer</i>
1:00 – 1:15 pm	CaRCC Tom Cheatham, University of Utah	<i>Edison EFG</i>
1:15 - 2:15 pm	Workforce Development: The Importance of Diverse Teams Moderator: Marisa Brazil, Purdue University Rosio Alvarez, Lawrence Berkeley National Laboratory Ben Rogers, University of Iowa Carol Song, Purdue University Patrick Schmitz, University of California, Berkeley	<i>Edison EFG</i>
2:15 – 3:15 pm	National Science Foundation Jim Kurose, NSF	<i>Edison EFG</i>
3:15 - 3:30 pm	Coffee Break	<i>Edison Foyer</i>



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3:30 - 4:30 pm	AAAS S&T Policy Fellowships Moderator: Jessica Soule, AAAS	<i>Edison EFG</i>
4:30 - 5:00 pm	Cloud Experiences Moderator: Jeff Pummill, University of Arkansas Dave Hudak, The Ohio State University Alisa Kang, Georgetown University Preston Smith, Purdue University	<i>Edison EFG</i>
5:00 - 5:30 pm	Developing Revenue Streams Moderator: Nick Maggio, University of Oregon Dave Hudak, The Ohio State University Steve Moore, Georgetown University Preston Smith, Purdue University	<i>Edison EFG</i>
6:15 - 9:00 pm	Dinner Bus 1: 6:15 pm departure from Westin front door Bus 2: 6:30 pm departure from Westin front door Return to Westin: Bus 1: 8:45 pm departure from Bilbo Baggins Bus 2: 9:00 pm departure from Bilbo Baggins	<i>Bilbo Baggins Restaurant 208 Queen Street Alexandria, VA</i>

Friday, March 22

7:30 am	Breakfast	<i>Edison Foyer</i>
8:15 - 9:15 am	Lightning Talks - 5-8 min with 2-3 slides max Amy Apon, Clemson University, <i>ECAS update</i> Alisa Alering, Indiana University, <i>Science Node status and plans at more than 100,000 readers</i> Craig Stewart, Indiana University, <i>Humanware in cloud computing project</i>	<i>Edison EFG</i>



CASC Spring 2019 Meeting

Rajendra Bose, Columbia University, *Collaboration through an NIH Data Science Consortium*

Mehmet Belgin, Georgia Institute of Technology, *PACE's efforts for a new approach to HPC Cluster for instructional use (ICE)*

Open Mic - quick 2-3 min, no slides

Amy Apon, Clemson University, *Commercial cloud resources for researchers and teaching faculty*

Richard Knepper, Cornell University, *Aristotle/XSEDE joint project*

Vas Vasiliadis, University of Chicago & Argonne National Laboratory Research Computing Center, *Globus sustainability and governance*

Neil Bright, Georgia Institute of Technology, *Upcoming Linux Clusters Institute (LCI) workshops*

Ben Rogers, University of Iowa, *Strategies for Providing Centralized Research Support – What does your campus do?*

Marisa Brazil, Purdue University, *Update on PEARC19*

9:15 – 10:00 am

NIH Open Science Policy Development & NLM Strategic Plan for Data Access and Analytics

Edison EFG

Jerry Sheehan, National Library of Medicine, National Institutes of Health

10:00 – 10:30am

The View from the NSF

Fleming Crim, NSF, Office of the Director

Edison EFG

10:30 – 11:00 am

UK HPC SIG Update

Simon Burbidge, University of Bristol

Alan Real, Durham University

Edison EFG

11:00 – 11:30am

Surveys Surveys Surveys

Craig Stewart, Indiana University

Edison EFG

Noon

Adjourn