CASC Spring 2018 Meeting

March 14-16, 2018
Westin Alexandria, Alexandria, Virginia

Thank you to the Program Committee Members:
Jay Aikat - RENCI
Donna Cumberland - Purdue University
David Hart - NCAR
Shelley Knuth - University of Colorado, Boulder
Patrick Schmitz - University of California, Berkeley
Lisa Arafune, CASC Director (Ex Officio)
Sharon Broude Geva, CASC Vice-Chair (Ex Officio) (University of Michigan)

Wednesday, March 14, 2018

8:30 - 9:30 am  
Registration open, Breakfast
NEW and First-time attendees welcome breakfast table  
Edison A,B,C Foyer & Bell (2nd Floor)

9:15 am  
Regulated Data SIG Meeting
Intro and Administrative Items - Mike Warfe, Case Western Reserve University  
Edison A,B,C

9:15 - 10:00 am  
RDSIG Keynote: Supporting Research on Regulated Data
Erik Deumens, University of Florida  
Edison A,B,C

10:00 - 10:30 am  
NIST 800-171 Certification
Ryan Gilmore, Penn State University  
Edison A,B,C

10:15 - 10:45 am  
Coffee Break  
Edison A,B,C Foyer

10:45 - 12:00 noon  
RDSIG Panel: DFARS & NIST 800-171 at CASC Member Institutions
Trey Breckenridge, Mississippi State University
Neil Bright, Georgia Institute of Technology
Erik Deumens, University of Florida  
Edison A,B,C

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<tr>
<td>12:00 noon</td>
<td>Lunch</td>
<td>Bell Foyer &amp; Hopkins Boardroom (2nd Floor)</td>
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<tr>
<td>1:00 pm</td>
<td>Welcome by CASC Chair</td>
<td>Edison A,B,C</td>
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<td>1:15 – 2:00 pm</td>
<td>Scaling up Digital Scholarship</td>
<td>Edison A,B,C</td>
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<td>2:00 – 3:00 pm</td>
<td>DOE ASCR Research Division</td>
<td>Edison A,B,C</td>
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<td>3:00 – 3:30 pm</td>
<td>Report out from the CaRC Workshop on CI Professionalization</td>
<td>Edison A,B,C</td>
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<td>3:30 – 4:00 pm</td>
<td>Coffee Break</td>
<td>Edison A,B,C Foyer</td>
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<td>4:00 – 4:30 pm</td>
<td>NIH NIGMS Future Forecast</td>
<td>Edison A,B,C</td>
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<td>4:30 – 5:00 pm</td>
<td>NSCI Briefing</td>
<td>Edison A,B,C</td>
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<td>5:00 - 5:20 pm</td>
<td>iRODS – Metadata Driven Data Management</td>
<td>Edison A,B,C</td>
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6:15 – 9:00 pm  
**Reception and Dinner at Gadsby’s Tavern, Old Town Alexandria**

Gadsby’s Tavern, “The most historic restaurant in the United States, since 1770.”
A 1.5 mile easy walk to Old Town Alexandria.
Lobby at 6:00 pm; Coach bus at 6:10, returning at 9:00.
Reception 6:15-7:00 in Gadsby’s Museum & Courtyard
Dinner 7:00 – 9:00 in Gadsby’s Tavern

Gadsby’s Tavern and Museum, 138 N. Royal St, Alexandria, VA

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**Thursday, March 15, 2018**

8:00 am  
**Continental Breakfast**

*Edison A,B,C Foyer & Bell (2nd Floor)*

9:00 – 10:00 am  
**Advancing the Research Cyberinfrastructure Ecosystem**

Manish Parashar, NSF CISE
Amy Friedlander, NSF CISE

*Edison A,B,C*

10:00 - 10:30 am  
**Coffee Break**

*Edison A,B,C Foyer*

10:30 – 11:00 am  
**Geoscience Related Data and Computing Initiatives**

Subhashree (Shree) Mishra, NSF GEO
Raleigh Martin, AAAS S&T Policy Fellow, NSF GEO

*Edison A,B,C*

11:00 – 11:45 noon  
**NSF Engineering Directorate**

Dawn Tilbury, NSF Engineering

*Edison A,B,C*

11:45 – 12:30 pm  
**Lunch**

*Bell Foyer & Hopkins Boardroom (2nd Floor)*
12:30 – 2:00 pm  **Metrics, Metrics, Metrics!**  
Dave Hart, NCAR  
Donna Cumberland, Purdue University  
Lizanne DeStefano, Center for Education Integrating Science, Mathematics and Computing (CEISMC)  
Tom Furlani, University at Buffalo, SUNY  

2:00 - 3:00 pm  **Towards Formation of a CASC RDMI Working Group**  
Birali Runesha, University of Chicago  

3:00 - 3:15 pm  **Coffee Break**  

3:15 - 4:00 pm  **Open Mic - quick 2-3 min, no slides**  
Barry Moore, University of Pittsburgh:  
- What are people doing about getting consumer grade GPUs for research?  
- Are people using Kubernetes? What use cases do they see in HPC?  
Sharon Broude Geva, University of Michigan:  
- Introducing the Women in High Performance Computing Chapters and Affiliates Program  

**Lightning Talks - 5-8 min with 2-3 slides max**  
Alisa Alering, Indiana University, *Science Node*  
Dana Brunson, Oklahoma State University, *Campus Champions*  
Dane Skow, North Dakota State University, *Building a Portfolio of Service Providers for Research Computing*  
Derek Leydig, Penn State University, *NIST 800-171 Experiences*  

4:00 - 4:30 pm  **Business Meeting - Open to CASC Member Institutions**  
Chair: Rajendra Bose, Chair, CASC  
Membership: Neil Bright, Secretary, CASC  
Finances: Andrew Sherman, Treasurer, CASC  
Program Committee: Sharon Broude Geva, Vice-Chair, CASC  
Washington Report: Lisa Arafune, Director, CASC
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<td>4:30 – 5:30 pm</td>
<td>Findings of the External Advisory Committee - Open to CASC Member Institutions</td>
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<td>Dave Lifka, Cornell University</td>
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<td>Sue Fratkin, CASC Washington Liaison Emeritus</td>
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<td>5:30 – 7:30 pm</td>
<td>Reception - Heavy Hors d'oeuvres</td>
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<td>Westin Alexandria, Edison Foyer, 2nd Floor</td>
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<td>Friday, March 16, 2018</td>
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<td>7:30 am</td>
<td>Continental Breakfast</td>
<td>Edison A,B,C Foyer &amp; Bell (2nd Floor)</td>
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<td>8:15 – 8:45 am</td>
<td>XSEDE Case Study Analysis</td>
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<td>Scott Sellars, AAAS S&amp;T Policy Fellow, NSF</td>
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<td>8:45 - 9:30 am</td>
<td>The Exascale Computing Project</td>
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<td>Doug Kothe, Oak Ridge National Laboratory</td>
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<td>9:30 - 10:15 am</td>
<td>DOD S&amp;T Funding</td>
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<td>Todd Harrison, Center for Strategic and International Studies (CSIS)</td>
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<td>10:15 – 10:45 am</td>
<td>Coffee Break</td>
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<td>10:30 - 11:00 am</td>
<td>AAU Government Relations Briefing</td>
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<td>Amy Scott, AAU</td>
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<td>11:00 - noon</td>
<td>ROI-AUDCC CASC working group: Return on Investment in Academic Use of Data Centers and Clouds</td>
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<td>Alan Chalker, The Ohio State University</td>
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<td>Curt Hillegas, Princeton University</td>
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<td>Noon</td>
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Save the Date:

CASC Fall 2018 Meeting  
October 3-5, 2018  
Westin Alexandria, Alexandria, VA

CASC Spring 2019 Meeting  
March 20-22, 2019  
Westin Alexandria, Alexandria, VA