The Coalition for Academic Scientific Computation Spring 2021 Virtual Membership Meeting

AGENDA

April 6-9, 2021

Thank you to the Virtual Program Committee Members:

Lisa Arafune, *Forge Policy Solutions, LLC*
Dhruva Chakravorty, *Texas A&M University*
Carolyn Ellis, *Purdue University*
Richard Gerber, *Lawrence Berkeley National Laboratory*
Dave Hudak, *Ohio Supercomputer Center*
Alisa Kang, *Georgetown University*
Richard Knepper, *Cornell University*
Derek Leydig, *The Pennsylvania State University*
Arman Pazouki, *Northwestern University*
Shervin Sammak, *University of Pittsburgh*
Mike Warfe, *Case Western Reserve University*
James Wilgenbusch, *University of Minnesota (CASC Vice Chair)*

ALL TIMES IN EASTERN DAYLIGHT SAVINGS TIME U.S.

Tuesday, April 6

12:30 - 1:00 pm EDT	**TechCheck** *Moderator*: Jim Wilgenbusch The Zoom meeting link was sent via Eventbrite email *Join anytime during the TechCheck*
1:00 -2:30 pm EDT	**Working Group: What is CMMC, and how will it affect you?** *Moderators*: Carolyn Ellis, Purdue University, and Mike Warfe, Case Western Reserve University *Speaker*: Jeff Dalton, CMMC Advisory Board Vice Chair
2:30 – 3:00 pm EDT	**Coffee Break**

3:00 - 3:20 pm EDT	**Building a Community of Regulated Research Practitioners : Workshop Summary**

Moderator: Mike Warfe, Case Western Reserve University

Speakers: Carolyn Ellis, Purdue University
Erik Deumens, University of Florida

3:20 - 4:00 pm EDT	**Regulated Data: Panel Discussion**

Moderator: Mike Warfe, Case Western Reserve University

Panelists: Daren Wunderlich, Purdue University
Mark Herron, Case Western Reserve University
Gabriella Perez, University of Iowa

4:00 - 4:15 pm EDT	**Regulated Data: Wrap Up & Next steps**

Moderators: Carolyn Ellis, Purdue University, and Mike Warfe, Case Western Reserve University

4:15 – 5:00 pm EDT	***Happy Hour & New Member Welcome***

Please join us as we virtually welcome our New and Returning CASC Members!

This social event will give you time to meet CASC's new leadership. Members of the Executive Committee will share their approach to making everything from Kombucha to the French Butterfly cocktail. Wondering what these drinks are? Join us for the social hour to learn about these and others. Non-alcoholic and alcoholic learning options will be available.

ALL TIMES IN EASTERN DAYLIGHT SAVINGS TIME U.S.

Wednesday, April 7

11:30 - noon EDT	***TechCheck***

Moderator: Jim Wilgenbusch
The Zoom meeting link was sent via Eventbrite email
Join anytime during the TechCheck

Spring 2021 Virtual Membership Meeting

12:00 noon EDT	**Meeting Opening & Welcome by CASC Chair** Wayne Figurelle, The Pennsylvania State University, CASC Chair
12:15 -12:30 pm EDT	**New Member Introduction: University of California, Davis, HPC Core Facility** *Moderator*: Jim Wilgenbusch, University of Minnesota, CASC Vice Chair *Speaker*: Sergey Buduchin, Technical Director, University of California, Davis
12:30 – 12:45 pm EDT	**New Member Introduction: University of Texas at San Antonio Research Computing** *Moderator*: Jim Wilgenbusch, University of Minnesota, CASC Vice Chair *Speaker:* Ritu Aurora, Assistant Vice President of Research Computing, University of Texas at San Antonio
12:45 - 1:30 pm EDT	**The National Science Board Vision 2030: Incorporating Diversity, Inclusivity, and Accessibility in Research Computing** *Moderators:* Dhruv Chakravorty, Texas A&M University, and Shervin Sammak, University of Pittsburgh *Speakers:* Victor McCrary, University of the District of Columbia, and Vice Chair, National Science Board Deborah Dent, Jackson State University, Chief Information Officer
1:30 – 2:00 pm EDT	*Coffee Break*
2:00 - 2:45 pm EDT	**NSF AI Institutes Leaders** *Moderators*: Dave Hudak, Ohio Supercomputer Center, and Jim Wilgenbusch, University of Minnesota *Panelists*: Vikram Adve - Artificial Intelligence for Future Agricultural Resilience, Management, and Sustainability (AIFARMS) Institute Amy McGovern - AI Institute for Research on Trustworthy AI in Weather, Climate, and Coastal Oceanography (AI2ES) Alexandros Dimakis - Institute for Foundations of Machine Learning

2:45 – 3:30 pm EDT   **Supporting AI on our Campuses**

Moderators: Dave Hudak, Ohio Supercomputer Center, and Jim Wilgenbusch, University of Minnesota

Panelists: Lisa Perez, Texas A&M University
Erik Deumens, University of Florida
Wahid Bhimji, National Energy Research Scientific Computing Center (NERSC)

3:30 – 3:45 pm EDT   ***Coffee Break***

3:45 - 4:30 pm EDT   **Lightning Talks**

Moderator: Arman Pazouki, Northwestern University

-- Sharon Broude Geva, CASC Bylaws
-- Andrew Sherman, The CAREERS Cyberteam Project
-- Ralph Zottola, CASC SPA committee
-- Rich Knepper, CASC Positions Committee
-- Jackie Milhans, PEARC 2021
-- Alan Chalker, CASC Cloud ROI Working Group
-- Eva Siegmann, Ookami - A new path to exascale computing
-- Niall Gaffney, Big Data Hubs meeting
-- Tom Cheatham, CARCC Updates

Others are welcome to speak as time permits

Spring 2021 Virtual Membership Meeting

ALL TIMES IN EASTERN DAYLIGHT SAVINGS TIME U.S.

Thursday, April 8

11:30 - 12:00 noon EDT	***TechCheck*** *Moderator*: Jim Wilgenbusch The Zoom meeting link was sent via Eventbrite email *Join anytime during the TechCheck*
12:00 noon – 12:45 pm EDT	**NSF Office of Advanced Cyberinfrastructure** *Moderator*: Wayne Figurelle, The Pennsylvania State University, CASC Chair *Speaker*: Manish Parashar, NSF OAC
12:45 – 1:30 pm EDT	**NSF Computer and Information Science and Engineering (CISE)** *Moderator*: Wayne Figurelle, The Pennsylvania State University, CASC Chair *Speaker*: Margaret Martonosi, NSF CISE
1:30 - 2:00 pm EDT	***Coffee Break***
2:00 – 2:30 pm EDT	**NIH Data Science** *Moderator*: Derek Leydig, Penn State University *Speaker:* Susan Gregurick, NIH Office of Data Science Strategy (ODSS)
2:30 – 3:00 pm EDT	**NIST Computational Initiatives** *Moderator*: Rich Knepper, Cornell University *Speaker:* Barry Schneider, Applied and Computational Mathematics Division, National Institute of Standards and Technology
3:00 - 3:30 pm EDT	***Coffee Break***

3:30 – 4:00 pm EDT	**Oak Ridge National Laboratory, Computing and Computational Sciences**
	Moderator: Alisa Kang, Georgetown University
	Speaker: Jeff Nichols, Director for ORNL's Computing and Computational Sciences

4:00 – 4:30 pm EDT	**Department of Energy, Advanced Scientific Computing Research (ASCR)**
	Moderator: Richard Gerber, LBNL
	Speaker: Benjamin Brown, Director of Advanced Scientific Computing Research at the Department of Energy

4:30 - 5:30 pm EDT	***Virtual Happy Hour***
	Please join us for a virtually happy hour. Connect with new members and reconnect with old friends!
	This social event will give you time to meet CASC's new leadership. Members of the Executive Committee will share their approach to making everything from Kombucha to the French Butterfly cocktail. Wondering what these drinks are? Join us for the social hour to learn about these and others. Non-alcoholic and alcoholic learning options will be available.

ALL TIMES IN EASTERN DAYLIGHT SAVINGS TIME U.S.

Friday, April 9

11:00 - 11:30 am EDT	***TechCheck***
	Moderator: Jim Wilgenbusch The Zoom meeting link was sent via Eventbrite email *Join anytime during the TechCheck*

11:30 - 12:15 pm EDT	**CASC Business Meeting - *Open to CASC Member Institutions***
	Chair Report: Wayne Figurelle, The Pennsylvania State University Vice Chair Report: Jim Wilgenbusch, the University of Minnesota Secretary Report: Jennifer Schopf, Indiana University Treasurer Report: Dave Hart, The National Center for Atmospheric Research

12:15 – 1:15 pm EDT	**Pandemic Perspectives: Spotlight on Research Computing** *Moderator*: Jim Wilgenbusch, University of Minnesota *Panelists:* Ralph Zottola, University of Alabama, Birmingham John Towns, University of Illinois, NCSA Alan Real, Durham University
1:15 - 1:45 pm EDT	**Federal Outlook for Scientific Computing** *Moderator*: Jim Wilgenbusch, University of Minnesota *Speaker:* Miriam Quintal, Lewis-Burke
1:45 - 2:00 pm EDT	***Coffee Break***
2:00 - 3:00 pm EDT	**Future of CASC** Discussion Topics: -- Strategic Planning Committee: Ralph Zottola, University of Alabama, Birmingham -- Positions Committee: Richard Knepper, Cornell University -- Next steps for EC: Wayne Figurelle, The Pennsylvania State University, CASC Chair -- Sharing our Vision: Wayne Figurelle, The Pennsylvania State University, CASC Chair

2020-2021 CASC Executive Committee:

Wayne Figurelle, *The Pennsylvania State University, CASC Chair*
James Wilgenbusch, *University of Minnesota, CASC Vice Chair*
Dave Hart, *The National Center for Atmospheric Research, CASC Treasurer*
Jennifer Schopf, *Indiana University, CASC Secretary*
Sharon Broude Geva, *University of Michigan, CASC Past Chair*

Save the Date

The week of October 18, 2021 for the CASC Fall 2021 Membership Meeting