



**2018 NSF Campus Cyberinfrastructure and
Cybersecurity Innovation for Cyberinfrastructure PI Workshop
September 25-26, 2018
The Hotel at the University of Maryland – College Station, MD**

Day 1 – Tuesday, September 25, 2018

Time	Topic	Location
7:00 - 8:00 am	Breakfast	Salons C & D
8:00 - 8:30 am	Welcome and Opening Remarks Wendy Huntoon, KINBER Kevin Thompson, National Science Foundation	Salons A & B
8:30 - 9:15 am	Plenary: Fostering a Cyberinfrastructure Ecosystem that Transforms Scientific Discovery Manish Parashar, Office Director, Office of Advanced Cyberinfrastructure, National Science Foundation	
9:15 - 10:00 am	Invited CC* and CICI Presentations	
9:15 - 9:30 am	CC* Integration: SANDIE: SDN-Assisted NDN for Data Intensive Experiments - Edmund Yeh, Northeastern University	
9:30 - 9:45 am	CC* Campus Design: The Tommie Science Network – Edmund Clark, University of St. Thomas	
9:45 - 10:00 am	CICI: RSARC: Trustworthy Computing over Protected Datasets - Mayank Varia, Boston University	
10:00 - 10:30 am	Morning Break	
10:30 - 11:15 am	Invited CC* and CICI Presentations Continue	Salons A & B
10:30 - 10:45 am	CC* Networking Infrastructure: Expanding STEM Research on Chicago's South Side – Ophir Trigalo, Illinois Institute of Technology	
10:45 - 11:00 am	CICI: SSC: Real-Time Operating System and Network Security for Scientific Middleware – Gedare Bloom, Howard University	
11:00 - 11:15 am	CC*DNI Engineer: Enabling Research Support Services - Michael Erickson, Colorado School of Mines	

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Time	Topic	Location
11:15 am - 12:15 pm	<p>Panel Discussion: Project Sustainability Roger Bielefeld, Case Western Reserve University (moderator) Thomas Hauser, University of Colorado Ken Miller, Pennsylvania State University Seung-Jong (Jay) Park, Louisiana State University Paul Schopis, OARnet Brad Weaver, Wabash College</p>	Salons A & B
12:15 - 1:30 pm	General Lunch – refresh, refuel, networking	Salons C & D
1:30 - 2:15 pm	<p>Panel Discussion: CICI Regional Collaboration Projects – Impact and Tales of Transition to Practice Wendy Huntoon, KINBER (moderator) Sara Graves, University of Alabama in Huntsville Don DuRousseau, CAAREN/George Washington University Jennifer Oxenford, KINBER Xinwen Fu, University of Massachusetts – Lowell</p>	Salons A & B
2:15 - 3:30 pm	<p>Small Group Speed Learning (activity will run through afternoon break) – Seven topics to choose from with sessions of 15-minute small group discussions Topics:</p> <ul style="list-style-type: none"> • Starting a conversation with the scientific community – Jason Zurawski, ESnet/Jen Schopf, Indiana University (leads) • Hiring the right CI facilitator – Julio Ibarra/Cassian D’Cunha, Florida International University (leads) • Transition to practice – Alec Yasinac, University of South Alabama (lead) • Challenges of a lesser-resourced institution – Mohamad Qayoom, Louisiana State University Health Sciences Center/Lance Neal, LONI (leads) • Strategies for protecting research data and data networks – Von Welch, Indiana University (lead) • Facilitating Reuse of Independently Validated and Secure Scientific Data – Subhashini Sivagnanam (lead) • Next Generation Cyber-Systems and New Approaches for Data Intensive Sciences – Harvey Newman, CalTech/Tom Lehman, MAX/Edmund Yeh, Northeastern University (leads) 	Salons E & F
3:00 - 3:30 pm	Afternoon Break	Prefunction A

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Time	Topic	Location
3:30 - 4:15 pm	Plenary: Impact of Cyberinfrastructure Investments on Research at the University of Maryland Jeff Hollingsworth, Chief Information Officer and Professor of Computer Science, University of Maryland	Salons A & B
4:15 - 5:15 pm	Panel Discussion: Identifying and Supporting Science Drivers in the Campus Environment Malathi Veeraraghavan, University of Virginia (moderator) Doug Jennewein, University of South Dakota Juan Montes, American Museum of Natural History Channon Visscher, Dordt College Leon Reznik, Rochester Institute of Technology	
5:15 pm	Day 1 Wrap-Up	
5:30 - 7:00 pm	Evening Reception and Networking - NSF / ESnet / Quilt (Light Appetizers and Cash Bar)	Prefunction A

Day 2 – Wednesday, September 26, 2018

Time	Topic	Location
6:45 - 8:00 am	Breakfast – NSF / ESnet/ Quilt	Salons C & D
8:15 - 8:30 am	Colocated Meeting of NSF / ESnet / Quilt Welcome Jen Leasure, The Quilt Inder Monga, ESnet	Salons A & B
8:30 - 9:15 am	Plenary: National Open Storage Network Alex Szalay, Johns Hopkins University	
9:15 - 10:00 am	Panel Discussion: A CIO's Perspective on Campus Cyberinfrastructure Strategy Carrie Rampp, Franklin & Marshall College (moderator) Deborah Dent, Jackson State University Scott Midkiff, Virginia Tech Scott Valcourt, University of New Hampshire	
10:00 - 10:15 am	Morning Break	Prefunction A
10:15 - 11:00 am	Plenary: Ben Brown, Office of Science, Department of Energy	Salons A & B

Day 2 – Wednesday, September 26, 2018

Time	Topic	Location
11:00 - 11:45 am	Panel Discussion: Models for Cyberinfrastructure Support Marla Meehl, Front Range GigaPoP/University Center for Atmospheric Research (moderator) John Moore, Internet2 Lauren Rotman, ESnet Jen Schopf, Indiana University Jeff Weekley, University of California – Merced	Salons A & B
11:45 am - 1:00 pm	Colocated Lunch – NSF / ESnet / Quilt	Salons C & D
1:00 - 1:25 pm	Invited Presentation: ResearchSOC: the NSF Collaborative Security Response Center Von Welch, Indiana University	Salons A & B
1:25 - 2:15 pm	Panel Discussion: Case Studies on Cybersecurity Applications and Tools Supporting Scientific Research Ana Hunsinger, Internet2 (moderator) Wei-Shinn Ku, Auburn University Yan Luo, University of Massachusetts – Lowell Ping Yang, SUNY at Binghamton	
2:15 - 2:55 pm	Panel Discussion: Shared Resources in the Cyberinfrastructure Environment Inder Monga, ESnet (moderator) Dana Brunson, Oklahoma State University/XSEDE Mark Gardner, Virginia Tech Tom Lehman, University of Maryland Suzanne Sindi, University of California, Merced	
2:55 - 3:00 pm	Colocated Program Wrap-Up	
3:00 - 3:30 pm	Afternoon Break – NSF PI Workshop Concludes	Prefunction A
3:30 - 5:00 pm	Quilt Fall Member Meeting Continues - NSF PIs and ESnet invited to attend	Salon A
3:30 - 4:00 pm	Quilt Welcome and Overview	Salon A
4:00 - 5:00 pm	<u>Keynote: Fireside Chat on Internet Governance with Steve Crocker and Larry Strickling</u>	