

NCSA Colloquia

NCSA Colloquia typically take place in the NCSA Auditorium at 11am on Friday mornings during the semester. A light reception is held in the NCSA atrium right before the colloquium.

The [official web page for the NCSA Colloquia](#) is on the main NCSA web pages, and includes speaker bios, talk abstracts, and after the colloquia a video copy of the talk. This page collects information on future colloquia speakers for planning purposes before we have the complete set of information for the main web pages.

For logistical questions about the colloquia series please contact Amanda Lombardo at alombar@illinois.edu.

"Designing Culture, Creating Multidisciplinary Collaboration""Interdisciplinarity in a Highly Technical Context: Uncovering Strategies and Structures of Collaboration""50 Years of Supercomputing: From colliding black holes to dynamic microbiomes to the exascale"

Date	Name	Institution	Cohosts	Title/Subject	Slides	Video	Streaming Video
29th August 2014	Bernard Schutz , Director of Data Innovation Institute and Professor, Physics and Astronomy	Cardiff University		Data Science from a European Perspective		MP4	streaming
12th September 2014	Bertram Ludäscher , Professor, GSLIS	UIUC, GSLIS		From Data to Knowledge with Workflows and Provenance		MP4	streaming
19th September 2014	Jerry Fiddler, Ping Fu, Brand Fortner, Austin Lin	Alumni	eDREAM	Distinguished Alumni Panel: Entrepreneurship and Transformative Thinking		MP4	streaming
17th October 2014	Brygg Ullmer , Effie C. and Donald M. Hardy Associate Professor, Electrical Engineering and Computer Science	LSU		Tangible Visualization: Paths toward Physically-entangled Interactive Computational STEAM		MP4	streaming
21st October 2014	William Tang , Chief Scientist, Princeton Plasma Physics Laboratory	Princeton	NPPE	Progress & Challenges in Fusion Energy Simulations at Extreme Scale			
31st October 2014	Dieter Kranzlmüller, Professor, Mathematics, Information and Statistics	LMU, Germany		Energy Efficiency and Extreme Scaling at LRZ		MP4	streaming
14th November 2014	David Tarboton , Professor, Civil and Environmental Engineering	Utah State	CyberGIS	Hydroshare: Advancing Collaboration through Hydrologic Data Sharing and Model Sharing		MP4	streaming
5th December 2014	Victoria Stodden , Associate Professor, GSLIS	UIUC, GSLIS		Toward Reliable and Reproducible Inference in Big Data		MP4	streaming
6th February 2015	Sharon Hammes-Schiffer , Swanlund Chair Professor of Chemistry	UIUC, Chemistry	Blue Waters	Computer Simulations of Chemical and Biological Processes		MP4	streaming
13th February 2015	Tandy Warnow , Founder Professor of Bioengineering and Computer Science	UIUC, CS/IGB		Grand Challenges in Constructing Large Evolutionary Trees		MP4	streaming
20th February 2015	Donna Cox, Michael Aiken Chair	UIUC		The Centrality of Advanced Digitally-Enabled Science: Visualization Case Studies		MP4	streaming
27th February 2015	Abani Patra , Professor, Mechanical and Aerospace Engineering	University at Buffalo	CSE	Computing, Data and Volcanic Hazard Risk Analysis		MP4	streaming
6th March 2015	Tom Cwik , Manager, Space Technology Program	Caltech/JPL		Towards the Application of Large-scale Computation in Space Exploration		MP4	streaming
13th March 2015	Brian O'Shea , Associate Professor, Physics and Astronomy	Michigan State University	Astronomy, Blue Waters	The Universe in a box: simulating galaxy formation with Blue Waters		MP4	streaming
20th March 2015	Jason Leigh , Professor of Information & Computer Sciences	University of Hawaii		Advanced Visualization Instrumentation		MP4	streaming
3rd April 2015	Shantenu Jha , Associate Professor, Electrical and Computer Engineering	Rutgers University		Expeditions in Applied High-Performance Distributed Computing			
10th April 2015	Madhu Viswanathan , Diane and Steven N. Miller Professor in Business	UIUC		A Bottom-Up Approach to Understanding and Designing Solutions for Subsistence Marketplaces		MP4	streaming
17th April 2015	Bill Howe , Associate Director and Senior Data Science Fellow, UW eScience Institute; Affiliate Faculty, Computer Science & Engineering	University of Washington		Democratizing Data-Intensive Science			
23rd April 2015	Manuela Campanelli , Director of Center for Computational Relativity and Gravitation and Professor of Mathematical Sciences	Rochester Institute of Technology	Blue Waters	Revealing the Hidden Universe: Black Hole Mergers		MP4	streaming

1st May 2015	C. Titus Brown , Assistant Professor, Microbiology and Molecular Genetics and Computer Science and Engineering	Michigan State University	IGB	A Wager for 2016: How Software Will Beat Hardware in Biological Data Analysis			
21st May 2015	Ceess de Laat , Professor and Chair of the System and Network Engineering (SNE) Laboratory in the Informatics Institute of the Faculty of Science	University of Amsterdam		Smart Cyber Infrastructure for Big Data Processing	Slides	MP4	streaming
11th September 2015	Ed Seidel	NCSA					
18th September 2015	Larry Smaar	University of California at San Diego	NCSA, Blue Waters	The Pacific Research Platform: a Science-Driven Big-Data System	Slides		
25th September 2015	Sergei Maslov, Professor, Department of Bioengineering; Carl R. Woese Institute for Genomic Biology	UIUC		Models of Genome Evolution and Ecosystem Dynamics: Kill-the-Winner, Kill-the-Loser, and Kill-the-King			
2nd October 2015	Michael Strauss, Professor of Astrophysical Sciences; Associate Chair, Department of Astrophysical Sciences	Princeton University		The Large Synoptic Survey Telescope (LSST): Status and Science Opportunities			
6th November 2015	Katy Huff	Berkeley		A Computational Future for Science Education			
19th February 2016	Karl Fogel	Open Tech Strategies	Computing and Data	"Steps for Stifling a New Open Source Project"			
26th February 2016	John Towns	NCSA		"Year of Cyberinfrastructure"			
4th March 2016	Miguel Alcubierre	National Autonomous University of Mexico	Physics and Astronomy	"History of Black Hole Collisions"			
11th March 2016	Anita Chan	UIUC, Dept. of Media and Cinema Studies	Culture and Society	"Networking Peripheries: Technological Futures, Digital Memory, and the Myth of Digital Universalism"			
1st April 2016	Gustavo Stolovitzky	Icahn School of Medicine at Mount Sinai; IBM	Bioinformatics and Health Sciences Theme	"DREAM Challenges: Seeking the Wisdom of Crowds in Computational Systems Biology"			
22nd April 2016	Anne Balsamo	The New School	Culture and Society				
29th April 2016	William Barley	UIUC, Dept. of Communication	Culture and Society				
16th September 2016	Larry Smarr; <i>NCSA 30th Anniversary Director's Distinguished Lecture</i>	California Institute for Telecommunications and Information Technology					
23rd September 2016	Greg Wilson	Software Carpentry	Computing and Data	"Not on the Shelves: What Nonexistent Books, Tools, and Courses Can Tell Us About Ourselves"			
14 October 2016	Margaret Hedstrom	University of Michigan	Computing and Data	"Archiving Capacity and Data Infrastructure: Holes, Goals, Roles and Responsibility"			
28th October 2016	Forrest Masters	University of Florida	Earth and Environment	"The Role of Emerging Technology in Reducing Windstorm Impacts"			
4 November 2016	Chris Johnson	University of Utah	Culture and Society; Computing and Data; Bio and Health; ESI	"Big Data Visual Analysis"			
9th December 2016	Jeff Carver	University of Alabama	Computing and Data	"What We Have Learned About Using Software Engineering Practices in Scientific Software"			
10 February 2017	Antoinette Burton	UIUC; IPRH	Culture and Society	"The Work of the Humanities in a STEM-STEM World"			
3 March 2017	Lucy Suchman	Lancaster University	Culture and Society	"Relocating Innovation: Places and Material Practices of Future Making"			
10 March 2017	Melissa Cragin	NCSA	Computing and Data	"Midwest Big Data Hub: Accelerating the Big Data Innovation Ecosystem"			
7 April 2017	Matt Mountain - CANCELED	Association of Universities for Research in Astronomy (AURA)	Physics and Astronomy	"From the Hubble Space Telescope to the James Webb Space Telescope and Beyond"			

14 April 2017	Ryan Baker	University of Pennsylvania	Culture and Society	"Towards Massive Replication of Scientific Findings in Massive Online Open Courses"			
28 April 2017	Craig Stewart and Matthew Link POSTPONED	Indiana University	Computing and Data	"Measurement of Return on Investment and Impact of Cyberinfrastructure: not perfect, but..."			
22 September 2017	Wendy Chun	Brown University	Culture and Society	"Proxy Politics: From Global Climate Change to Racial Profiling"			
29 September 2017	Padhu Seshaiyer	Computational Mathematics, NSF	Computing and Data	"Research and Education Using STEM-based Approaches for Modeling, Analysis, and Simulation of Biological, Bio-inspired and Engineering Systems"			
6 October 2017	Charlie Catlett	University of Chicago	Computing and Data, Earth and Environment	"New Opportunities for Understanding and Improving Cities"			
27 October 2017	Nishant Shah (Joint Colloquium with Design Dialogues series)	Dutch Art Institute	Culture and Society	"Of Pagans, Pirates and Perverts: An arbitrary history of the computed"			
3 November 2017	Gabriella Gonzalez	Louisiana State University	Physics and Astronomy	"Searching for - and finding! gravitational waves"			
1 December 2017	Patricia Kovatch	HPC NY	Computing and Data	TBD			

We occasionally host other speakers and events through the NCSA Colloquia series, these include

Date	Name	Event
7th October 2014	Tom Lange, Proctor & Gamble	CSE/NCSA Seminar
13th October 2014	Joan Masso, UIB, Spain	NCSA Seminar
28th October 2014	Paul Baniewicz, Alcantar/Lucent	CSE/NCSA Seminar
3rd June 2016	Terry Griffin, Kansas State	CyberGIS/NCSA Seminar
25th July 2016	Arfon Smith, Github	NCSA Software Seminar
4th August 2016	Luciano Rezzolla, Institute of Theoretical Physics (Frankfurt)	NCSA Director's Colloquia
8th August 2016	Aditya Parameswaran, UIUC	NCSA Software Seminar