

2018

July 22-27

Hyatt Regency
Cambridge, MA

The Ninth International Conference on Complex Systems

Hosted by the *New England Complex Systems Institute*



A unique interdisciplinary forum that unifies and bridges the traditional domains of science and a multitude of real world systems. Explore the mind expanding concepts and methods of complex systems science.

Conference topics will include:

- Human Social & Economic Systems
- Mathematical, Physical & Chemical Systems
- Emergence
- Complexity & Information
- Dynamics & Self-Organization
- Structures & Networks
- Bio-Molecular & Cellular Systems
- Physiological & Psychological Systems
- Organisms & Populations
- Engineered Systems

Invited Speakers:

Peter Turchin (University of Connecticut)
Mercedes Pascual (University of Chicago)
Iyad Rahwan (MIT Media Lab)
Albert-László Barabási (Northeastern University)
Nassim Nicholas Taleb (Real World Risk Institute)
Marta González (University of California Berkeley)
Natalia Komarova (University of California Irvine)
Theresa Whelan (U.S. Department of Defense)
Simon DeDeo (Carnegie Mellon University)
H. Eugene Stanley (Boston University)
John Sterman (MIT Sloan School of Management)
Stephen Wolfram (Wolfram Research)
César Hidalgo (MIT Media Lab)
Carmen Reinhart (Harvard Kennedy School)
Jessica Flack (Santa Fe Institute)
Sandy Pentland (MIT Media Lab)
Olaf Sporns (Indiana University)
Michelle Girvan (University of Maryland)
Cameron Kerry (MIT Media Lab)
Irving Epstein (Brandeis University)
Ricardo Hausmann (Harvard University)
Steven Hassan (Freedom of Mind)
Spencer Wells (The Genographic Project)
Josh Bongard (University of Vermont)
Plamen Ch. Ivanov (Boston University)
Stefanie Jegelka (MIT)
Francesca Rossi (IBM)
Raúl Rojas (Freie Universität Berlin)
Kenneth A. Oye (MIT)
George Church (Harvard University)
Larisa Rudenko (Visiting Scholar at MIT)
Stephen Grossberg (Boston University)
Hyejin Youn (Kellogg School of Management)

**Program Information and
Submission Instruction:
necsi.edu/events/iccs2018**

