

Northeast Regional Conference on Complex Systems (NERCCS 2020)

Date: April 2-3, 2020
Location: **online only**
Webpage: <https://nerccs2020.github.io/>

Program

Wednesday, April 2

1:30 – 5:15 Complex systems school

Thursday, April 2

9:00 – 9:15 Welcome remarks

9:15 – 9:45 Invited talk 1 - **Kenny Joseph** – The Complex Nature of Bias

9:45 – 10:45 Keynote 1 - **Kerstin Dautenhahn** – Social Robots: Past, Present and Future

10:45 – 11:00 Short break

11:00 – 12:20 Contributed talks 1 (dual sessions: 4x20 min talks)

1A. **Socioeconomic systems**

1B. **Collective behavior**

12:20 – 1:30 Lunch break

1:30 – 2:00 Invited talk 5 - **Sucheta Soundarajan** – The Fairness of Information Flow in Social Networks

2:00 – 3:00 Keynote 2 - **Marianthi Markatou** – Evidence and Uncertainty for Complex Health Interventions in Complex Health Systems

3:00 – 3:10 Short break

3:10 – 4:30 Contributed talks 2 (dual sessions: 4x20 min talks)

2A. **Network theory I**

2B. **Dynamical systems**

4:40 – 6:00 Poster Session (each presenter will host their own Zoom meeting)

Friday, April 3

9:00 – 9:15	Announcements
9:15 – 9:45	Invited talk 3 - Saray Shai – Percolation-based Network Algorithms for Destroying/Protecting Modular Networks
9:45 – 10:45	Keynote 3 - Eugene Stanley – Using Statistical Physics Concepts to Offer Insights into Economic Questions
10:45 – 11:00	Short break
11:00 – 12:20	Contributed talks 3 (dual sessions: 4x20 min talks) 3A. Spatial patterns & PDEs 3B. Network theory II
12:20 – 1:30	Lunch break
1:30 – 2:00	Invited talk 4 - Winnie Chen – Driver Feedback Design: from Manual Driving to Automated Driving
2:00 – 2:30	Invited talk 2 - Nishant Malik – Uncovering Dynamical Transitions in Paleoclimate Time Series
2:30 – 3:00	Invited talk 6 - Irina Benedyk – Cooperative Arrangements in Intermodal Transportation: Who is paying for these decisions?
3:00 – 3:10	Short break
3:10 – 4:30	Contributed talks 4 (dual sessions: 4x20 min talks) 4A. Agent-based modeling 4B. Neuro-systems
4:30 – 4:45	Closing remarks and awards for best posters.