



## Northeast Regional Conference on Complex Systems (NERCCS 2020)

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

### Program

Thursday, April 2

9:00 – 9:15	Welcome remarks
9:15 – 9:45	Invited talk 1 - <b>Kenny Joseph</b> – The Complex Nature of Bias
9:45 – 10:45	Keynote 1 - <b>Kerstin Dautenhahn</b> – 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. <b>Socioeconomic systems</b> 1B. <b>Collective behavior</b>
12:20 – 1:30	Lunch break
1:30 – 2:00	Invited talk 5 - <b>Sucheta Soundarajan</b> – The Fairness of Information Flow in Social Networks
2:00 – 3:00	Keynote 2 - <b>Marianthi Markatou</b> – 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. <b>Network theory I</b> 2B. <b>Dynamical systems</b>
4:40 – 6:10	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 - <b>Saray Shai</b> – Percolation-based Network Algorithms for Destroying/Protecting Modular Networks
9:45 – 10:45	Keynote 3 - <b>Eugene Stanley</b> – 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. <b>Spatial patterns &amp; PDEs</b> 3B. <b>Network theory II</b>
12:20 – 1:30	Lunch break
1:30 – 2:00	Invited talk 4 - <b>Winnie Chen</b> – Driver Feedback Design: from Manual Driving to Automated Driving
2:00 – 2:30	Invited talk 2 - <b>Nishant Malik</b> – Uncovering Dynamical Transitions in Paleoclimate Time Series
2:30 – 3:00	Invited talk 6 - <b>Irina Benedyk</b> – 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. <b>Agent-based modeling</b> 4B. <b>Neuro-systems</b>
4:30 – 4:45	Closing remarks and awards for best posters.