NERCCS ’18
Young Researchers Pre-Conference Event

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Workshop Details: Wednesday, 11 April, 2018

On the day before the NERCCS begins, we are hosting an event for PhD students and postdocs to meet one another, exchange research ideas, and learn from several invited researchers. This event will take place at the conference venue, starting at 9:00am (officially at 9:30 after introductions) on Wednesday, April 11th.

09:00am-09:30am - Introductions
Official introductions will start at 9:00am, after people have had time to show up, mingle, and finish coffee.

09:30am-11:00am - Learning Complex Systems: Bruno Gonçalves
During this session, we will learn from Bruno Gonçalves (New York University) about techniques for doing data science and Complex Systems research in Python—including useful methods in machine learning, network science and more.

11:00am-11:15am - Coffee Break

11:15am-12:30pm - Learning Complex Systems: Bruno Gonçalves (cont.)

12:30pm-01:30pm - Lunch

01:30pm-02:30pm - Teaching Complex Systems: Panel Discussion
After lunch, participants will listen to presentations and ask questions to a panel about what it’s like to teach complex systems. The panel will include Pamela Mischen, Andreas Pape, David Schaffer, Stephen Uzzo, and Hiroki Sayama.

02:30pm-03:30pm - Learning Complex Systems: Alfredo Morales
We’re lucky to have a second methods session in the afternoon—this time by Alfredo Morales (NECSI). Here, we will get exposure to how complex systems researchers use techniques for dimensionality reduction, as well as a session about how to properly understand power law statistics.

03:30pm-03:40pm - Coffee Break

03:40pm-04:40pm - Learning Complex Systems - Alfredo Morales (cont.)

04:45pm-05:45pm - Doing Complex Systems: Closing Q&A
After spending the day learning about complex systems and spending lunch learning how to teach complex systems, we will close the day with doing complex systems research. This session will focus on how to engage in interdisciplinary complex systems research, from collaboration to publication.

06:00pm - Social Hour and Dinner in Binghamton
Concluding a day of learning, we will get our first taste of the city with new friends.