

Cybersecurity as Big Data Science Interactive Workshop Agenda

All times in ET on April 12, 2021.

3:00pm: Overview: Cybersecurity as Big Data Science — Findings and Challenges

Speakers: [S. Jay Yang](#), Rochester Institute of Technology, and [Sagar Samtani](#), Indiana University

3:15pm: Panel Q&A: Framing Cybersecurity as a Data Science Problem

Moderator: S. Jay Yang

Panelists: Sagar Samtani; [Kathy Benninger](#), Pittsburgh Supercomputing Center; [Amarnath Gupta](#), San Diego Supercomputing Center; and [Jelena Mirkovic](#), University of Southern California Information Sciences Institute

Audience participation through open discussions and live polls.

Sample questions:

- What are the common and not-so-common data science challenges for cybersecurity data?
- What are the blind spots for the cybersecurity community when treating data problems and vice versa?
- What are the data science tools and techniques we can leverage for cybersecurity data science?
- How to deal with and model multiple types of data (sources) simultaneously? Tips and tricks?
- What are the barriers for entry for a relatively new data science domain? How to manage those?
- How to influence practitioners who are not data scientists to use the output of your work?
- How to get students who are interested in AI to get familiar with the cyber domain and vice versa?

4:15pm: Discussion: Follow-up Actions with the Community

Community forums, quarterly webinars, opportunities for collaboration (research and transition-to-practice), industry engagement, outreach for underrepresented groups, etc.