

ScAINet '19: 2019 USENIX Security and AI Networking Conference

August 12, 2019, Santa Clara, CA, USA

Sponsored by USENIX, the Advanced Computing Systems Association



The 2019 USENIX Security and AI Networking Conference (ScAINet '19) will be co-located with the 28th USENIX Security Symposium and will take place August 12 at the Hyatt Regency Santa Clara in Santa Clara, CA, USA.

Important Dates

- Submissions due: **Thursday, March 28, 2019**
- Notification to submitters: **Friday, June 7, 2019**

Conference Organizers

Program Co-Chairs

Rachel Greenstadt, New York University
Aleatha Parker-Wood, Humu

Program Committee

Sadia Afroz, International Computer Science Institute (ICSI)
Hyrum Anderson, Endgame
Battista Biggio, University of Cagliari
Bayan Bruss, Capital One
Nicholas Carlini, Google Brain
Polo Chau, Georgia Institute of Technology
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Adam Hunt Hunt, RiskIQ
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Prateek Mittal, International Computer Science Institute (ICSI)
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Benjamin Rubinstein, University of Melbourne, Australia
Brendan Saltaformaggio, Georgia Institute of Technology

Ram Shankar, Microsoft
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Aleatha Parker-Wood, Humu

ScAINet: At the Frontier of AI, ML, and Cybersecurity

ScAINet is a single track symposium of cutting edge and thought-inspiring talks covering a wide range of topics in ML/AI by and for security. The format will be similar to Enigma, but with a focus on security and AI. Our goal is to clearly explain emerging challenges, threats, and defenses at the intersection of machine learning and cybersecurity, and to build a rich and vibrant community which brings academia and industry together under the same roof. We view diversity as a key enabler for this goal and actively work to ensure that the ScAINet community encourages and welcomes participation from all employment sectors, racial and ethnic backgrounds, nationalities, and genders.

ScAINet is committed to fostering an open, collaborative, and respectful environment. ScAINet and USENIX are also dedicated to open science and open conversations, and will make all talk media freely available on the USENIX website. For more information, view the USENIX Event Code of Conduct and USENIX Event Guidelines for Speakers at www.usenix.org/conferences/coc.

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Call for Speakers

We solicit proposals for original talks. All talks will be 25 minutes long, followed by 5 minutes for Q&A. The program committee will select presentations that illuminate big ideas and problems, that clearly describe the state of the art, and that enrich discussion. Ideal talks provide technical or scientific depth combined with practical impact, while still being accessible to a broad audience. Our expected attendees include, but are not limited to, researchers from industry and academia, data scientists, engineers, security-oriented managers, and security analysts.

Our program benefits from a diversity of topics and perspectives. We're interested in talks that cover new insights into popular topics (e.g., adversarial machine learning, differential privacy, fraud and fake account detection) as well as emerging or more niche areas (e.g., representation learning for security data, economic analysis of the threat landscape, reinforcement learning for better fuzzing). We welcome both talks that share pragmatic advice and those that explain high-risk research. For examples of previous topics, please see the ScAIInet '18 program at www.usenix.org/scainet18/program.

ScAIInet emphasizes presentation quality, so we are looking for great explainers: those who can describe complex topics and convey their excitement while maintaining the integrity of science.

Submission Guidelines

To submit a talk, please prepare the following information and submit it to the online submission system linked from the Call for Participation website, www.usenix.org/scainet19/cfp. Both presenters and organizers may withdraw or decline proposals for any reason, even after initial acceptance. Speakers must submit their own proposals; third-party submissions, even if authorized, will be rejected.

Speaker Information

- Speaker Name
- Speaker Title and Company/Affiliation (if applicable)
- Speaker Email Address
- Speaker Bio
- Link to a video of a previous talk (must not be on same topic; links to private/unlisted videos okay)
- [OPTIONAL] Social networking handle(s)
- [OPTIONAL] Homepage

If accepted, we will ask you to supply the following additional info:

- A high resolution headshot

Single-speaker talks tend to be higher quality and are thus strongly preferred. If you wish to submit a talk given by multiple speakers, please make this clear in your submission and make the case for why more than one speaker will make for a better talk.

Presentation Information

- Talk Title
- Presentation Summary. Please submit in a widely readable format, such as PDF or plain text. Please include (1) the core idea, (2) why it matters, and (3) a brief summary of prior work either by yourself or in the field. The approximate total length of the presentation summary should be 1–2 pages. We encourage participants to use the following format:
 - An abstract of the talk. We will use this to understand technical merit and, if selected, for promotional purposes.
 - A single main takeaway point for the talk.
 - An outline for the talk.
- Are you currently submitting this topic to any other conferences held prior to ScAIInet?
- Has a version of this presentation been given or accepted to any other venue or conference? If so, explain how this submission is different from your prior work.

Questions?

Please contact scainet19chairs@usenix.org.