

HotSec '19: 2019 USENIX Summit on Hot Topics in Security

August 13, 2019 • Santa Clara, CA, USA



Sponsored by USENIX, the Advanced Computing Systems Association

The 2019 USENIX Summit on Hot Topics in Security (HotSec '19) will be co-located with the 28th USENIX Security Symposium (USENIX Security '19) and take place on August 13, 2019 in Santa Clara, CA, USA.

Important Dates

- Lightning talk submissions due by **Monday, June 10, 2019**
- Notifications to lightning talk presenters sent by **Wednesday, June 26, 2019**

Workshop Organizers

Program Co-Chairs

David Brumley, *ForAllSecure*
Emily Stark, *Google*

Overview

HotSec aims to bring together researchers across computer security disciplines to discuss the state of the art, with emphasis on future directions and emerging areas.

HotSec is not your traditional security workshop! The day will consist of sessions of lightning talks on emerging work and positions in security, followed by discussion among attendees. Lightning talks are 5 MINUTES in duration—time limit strictly enforced with a gong! The format provides a way for lots of individuals to share ideas with others in a quick and more informal way, which will inspire breakout discussion for the remainder of the day.

Some of the most successful HotSec lightning talks take and defend a strong position. This instigates real discussion, and we encourage you to do so!

Potential Topics

Need some ideas? Here are talks from last year that were successful or ideas we'd like to hear about:

- Web privacy: academics love it but businesses don't.
- Security: conference paper review is insecure.
- Speculative execution/side channel attacks: the next wave.
- Securing votes: voting machines aren't the problem, social media is.

- Why social networks dropped the ball on content moderation.
- Making the most out of potentially untrustworthy hardware.
- Securing IoT: are our homes too smart for their own good?
- Are cryptographic backdoors really that bad?
- AI is a fad, not a solution in cybersecurity.
- Adversarial ML: circumventing your AI protection schemes.
- Native apps vs web apps: which is more secure?
- Security education: too many jobs, not enough experts, and not taught early enough.
- What problems does blockchain actually solve?
- Are multiple codebases inherently more secure than one codebase?
- Why the price of a bug bounty indicates the security of the product (or not).
- Why security for binary programs matters in a web-based world.
- True or false: the number of disclosed security bugs in a product indicates the security of the product.
- Security keys are great but no one uses them.

Once again there will be prizes based on audience feedback for the:

- Most engaging talk
- Most amusing talk
- Most surprising talk
- Most controversial talk

What Is the HotSec '19 format?

The organizers will group lightning talks together into themes and create active discussion groups around the themes.

Why Attend HotSec '19?

You will have the opportunity to consider lots of topics, engage in conversations, and brainstorm what the future of security would look like. HotSec's talks are significantly less formal than research talks—but more structured than hallways conversations—to create a true workshop environment.

I Want to Give a Lightning Talk!

Submit your talk via the web submission form linked from the HotSec '19 Call for Participation, www.usenix.org/hotsec19/cfp.

