



Welcome to MADWeb 2025!

Co-located with NDSS 2025 // Feb 28, 2025 // San Diego, CA

<https://madweb.work/>

Limin Jia // Carnegie Mellon University

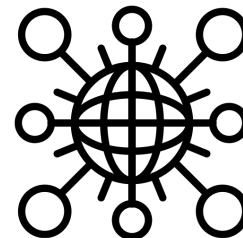
Marco Squarcina // TU Wien

Yinzhi Cao // Johns Hopkins University



MADWeb Goals

- Since **2019**
- Attract researchers working on browser evolution and **any aspects of Web security & privacy**
- Create a platform for **academic researchers and industry** (browser vendors and other key players) to exchange ideas
- Encourage researchers to **explore ideas before publication** at a major security conference
- Welcome **provocative research** that may fit major computer security conferences: how can we re-envision the Web platform for security?

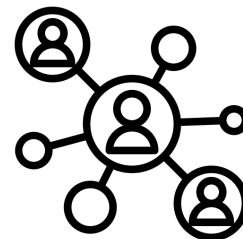


New This Year

1/2

- The **SecWeb Workshop** (2020-2024) got merged into MADWeb
 - Past editions of SecWeb at <https://secweb.work/>
 - Prevent fragmentation of the community
 - Ensure high quality accepted/presented papers




- **Mentoring program**
 - Introduce young researchers to the reviewing process
 - They may lack experience, but are very active and prepared!
 - Nice way to build a community
 - **16 applications as mentees**
 - Final PC included **4 mentors and 8 mentees**



New This Year

2/2

- **(Lightweight) Artifact Evaluation**
 - See <https://madweb.work/ae25.html>
 - **14 PC members volunteered for the AE**
 - Only 1 paper (that was not accepted) opted-in for the Artifact Evaluation

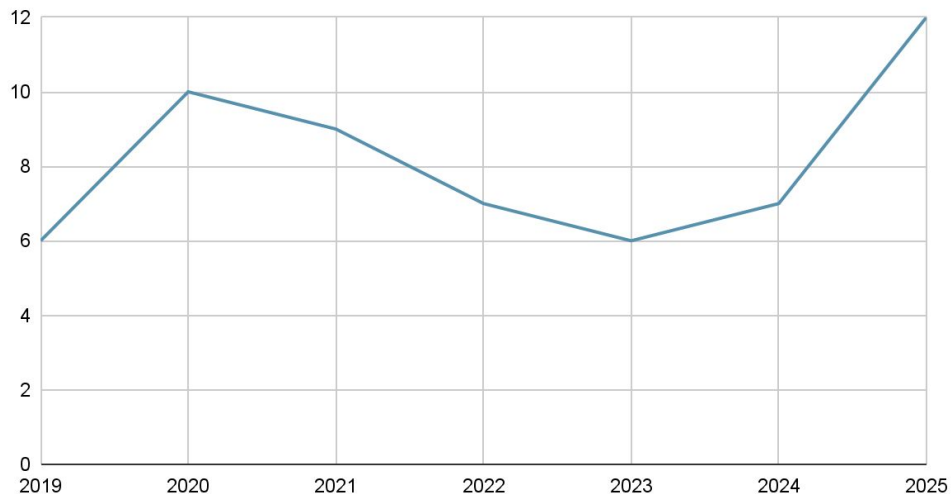
- **Social Networks!**
 -  madwebwork.bsky.social
 -  infosec.exchange/@madwebwork
 -  x.com/madwebwork

Official hashtags **#MADWeb** **#NDSSsymposium2025**


Acceptance Rates %

- 2019: 60%
- 2020: 62%
- 2021: 36%
- 2022: 54%
- 2023: 75%
- 2024: 58.3% (full + WIP)
 - 41.6% (full papers)
- **2025: 57.1% (12/21, full + WIP)**
 - **42.8% (9/21, full papers)**

presented papers



Program

- 9:05 - 10:05 **Keynote. Building on Top of Shifting Sands: Web Security Through the Lens of Content Integrity**
Nick Nikiforakis (Stony Brook University)
- 10:05 - 10:20 Morning Break
- 10:20 - 12:00 **S#1 // Network Meets the Web. (4 papers, chair: Zhenkai Liang, NUS)**
- 12:00 - 13:30 Lunch at Loma Vista Terrace and Harborside
- 13:30 - 15:10 **S#2 // Authentication and Browser Security. (4 papers, chair: Jianjia Yu, Johns Hopkins University)**
- 15:10 - 15:40 Afternoon Break
- 15:40 - 16:40 **Keynote. With Carrots & Sticks: Can the Browser Handle Web Security?**
Frederik Braun (Mozilla)
- 16:40 - 17:50 **S#3 // Web3 and Work in Progress. (4 papers, chair: Christoph Kerschbaumer, Mozilla)**
- 17:50 - 18:00 Best paper award sponsored by  **paloalto**[®] and Closing Remarks

Thank You!

Authors, speakers, attendees, NDSS organizers

Steering Committee

- Alexandros Kapravelos, NCSU
- Nick Nikiforakis, Stony Brook University
- Oleksii Starov, Palo Alto Networks
- Roberto Perdisci, University of Georgia
- Zubair Shafiq, University of California, Davis
- Aurore Fass, CISPA

Program Committee

- Behzad Ousat, Florida International University
- Carl Magnus Bruhner, Linköping University
- Cristian-Alexandru Staicu, CISPA
- Darion Cassel, Amazon automated reasoning
- Frederik Braun, Mozilla
- Hsu-Chun Hsiao, National Taiwan University
- Jianjia Yu, Johns Hopkins University
- Kailun Yan, Shandong University
- Karel Kubicek, Inria
- Kostas Solomos, University of Illinois Chicago
- Kyungchan Lim, University of Tennessee
- Marius Steffens, Google
- Merve Sahin, SAP
- Ming Xu, National University of Singapore
- Mir Masood Ali, University of Illinois Chicago
- Muhammad Abu Bakar Aziz, Northeastern University
- Musard Balliu, KTH Royal Institute of Technology
- Pedro Adão, Instituto Superior Técnico
- Penghui Li, Columbia University
- Peter Snyder, Brave Software
- Philipp Beer, TU Wien
- Ritik Roongta, New York University
- Samuele Casarin, Università Ca' Foscari Venezia
- Shuai Hao, Old Dominion University
- Shubham Agarwal, CISPA
- Simon Koch, TU Braunschweig
- Steven Englehardt, DuckDuckGo
- Tamara Rezk, Inria
- Umar Iqbal, Washington University in St. Louis
- Victor Le Pochat
- Xu Lin, Washington State University
- Yi Han, F5 Networks
- Yohan Beugin, University of Wisconsin-Madison

*PC members underlined served as mentor



Enjoy the Workshop!

Limin Jia // Carnegie Mellon University

Marco Squarcina // TU Wien

Yinzhi Cao // Johns Hopkins University

