

Call for Papers



Co-Sponsor:



2023 IEEE Virtual International Symposium on Technologies for Homeland Security

November 15–16, 2023 • information@ieee-hst.org

Call for Papers.

We are pleased to announce that the 22nd Annual IEEE Symposium on Technologies for Homeland Security (HST) will be held November 15–16, 2023 as a virtual event. This symposium will bring together innovators from leading academia, industry, businesses, Homeland Security Centers of Excellence, and government agencies to provide a forum to discuss ideas, concepts, and experimental results. HST is produced by IEEE with technical and organizational support from IEEE, IEEE Boston Section, IEEE-USA, MIT Lincoln Laboratory, and Raytheon Technologies. The HST symposium will include three application area tracks:

**Border Security and Critical
Infrastructure Protection**

Cyber Security

Homeland Resilience

We are currently seeking technical paper submissions in these application areas of Homeland Security Technologies to:

- Protect borders, critical infrastructure, key resources, population centers, and facilitate threat detection (including chemical, biological, nuclear, explosives) and counter-terrorism surveillance.
- Track responders, improve situational awareness, and better mitigate, respond to, and recover from incidents.
- Enable remote detection of unlawful movement or action, and non-invasive transport screening.
- Aid law enforcement for data analysis, identification verification, and evidence evaluation.
- Rapid and efficient cyber operations enablers that protect availability, integrity, and confidentiality of information and services.
- Identify and apprehend cyber criminals, characterize cyber adversaries, and enable effective cyber resilience.
- Protect and maintain societal health, critical infrastructure, and economic well-being.

Instructions for Paper Submission

Prospective paper authors are invited to submit detailed extended abstracts by July 15, 2023. Abstracts of three to seven pages in length (minimum 12-point font) will serve as the basis for acceptance. Authors will be notified of the review result (i.e. acceptance or rejection) by August 15, 2023. The abstract should include author(s) title, name, address, phone, email and organizational affiliation within the page limit. A one page or shorter biography of the presenting author should be attached.

A completed paper is required only from authors receiving a notice of acceptance. This paper should be prepared in standard IEEE format and not exceed seven pages, including all illustrations and references. Technical papers must not substantially overlap with material published at or simultaneously submitted to another venue. Final paper manuscripts must be submitted by October 15, 2023.

Please note: Accepted paper submissions require at least one author to register, pay the conference fee and present.

All submissions should be made at the following website: <https://cmt3.research.microsoft.com/HST2023/>

Publishing Information

All papers will be published in the conference proceedings and distributed to conference attendees. Extended versions of selected full technical papers that meet the publishing requirements may be published in selected journals and in the IEEE Xplore as part of the IEEE Conference Publication Program.

Contact Information

For more detailed information on the Call for Papers, visit the website: <http://ieee-hst.org/> or email: info@ieee-hst.org.

Important Dates (All deadlines are by midnight Eastern Standard Time)

Paper Extended Abstract Deadline: July 15, 2023
Paper Acceptance Notification: August 15, 2023
Final Paper Submission Deadline: October 15, 2023