

1ST WORKSHOP ON CYBER-SECURITY ARMS RACE (CYSARM)

NOVEMBER 15, 2019 — LONDON, UK

IMPORTANT DATES

PAPER SUBMISSION:

14 JULY 2019 11:59 PM
(AOE, UTC-12)

NOTIFICATION DATE:

7 AUGUST 2019

CAMERA-READY

PAPERS: 30 AUGUST 2019
(HARD DEADLINE)

CALL FOR PAPERS

<https://www.cysarm.org/>

Cybersecurity is a complex ecosystem that is based on several contradicting requirements. For this reason, it is often defined as an arms race between attackers and defenders. The goal of CYSARM workshop is to foster collaboration and discussion among cybersecurity researchers and practitioners to discuss the various facets and trade-offs of cybersecurity and how new security technologies and algorithms might impact the security of existing or future security models.

SUBMISSION

We invite the following types of papers:

Regular papers: (12 pages in double-column ACM format including the references and appendices; [Template](#))

Short research papers

(up to 6 pages, using the same template)

Submission platform:

[EasyChair](#).

TOPICS OF INTEREST

Topics of interest include but are not limited to:

- Advanced cryptographic techniques (e.g., homomorphic encryption, secure multi-party computation and differential privacy)
- Arms races and trade-offs in cyber-security (e.g., attackers vs defenders, security vs privacy, security vs trust, security vs usability)
- Double-edged sword techniques in cyber-security (e.g., artificial intelligence)
- Impact of quantum computing on cyber-security (not limited to cryptography)
- Next-generation trustworthy computing security solutions and attacks (e.g., TPMs, TEEs, SGX, SE), and their impact
- Novel attacks and protection solutions in mobile, IoT and Cloud
- Post-quantum cryptography
- Security analysis of protocols, including use of formal techniques
- Standardization of cyber security and trust techniques
- Validation of cyber-security technologies

SPONSORS:



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Liqun Chen (University of Surrey, UK)

Chris Mitchell (Royal Holloway, University of London, UK)

PROGRAM CO-CHAIRS:

Thanassis Giannetsos (Technical University of Denmark, DK)

Daniele Sgandurra (Royal Holloway, University of London, UK)



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