ACM CPSS'17 CALL FOR PAPERS

3nd ACM Cyber-Physical System Security Workshop

Abu Dhabi, UAE, April 2, 2017 (in conjunction with ACM AsiaCCS'17)

http://jianying.space/cpss/CPSS2017/

Important Dates

Submission due: Jan 18, 2017 (GMT) – firm   Notification: Feb 15, 2017   Camera-ready due: Feb 25, 2017

Cyber-Physical Systems (CPS) consist of large-scale interconnected systems of heterogeneous components interacting with their physical environments. There are a multitude of CPS devices and applications being deployed to serve critical functions in our lives. The security of CPS becomes extremely important. This workshop will provide a platform for professionals from academia, government, and industry to discuss how to address the increasing security challenges facing CPS. Besides invited talks, we also seek novel submissions describing theoretical and practical security solutions to CPS. Papers that are pertinent to the security of embedded systems, SCADA, smart grid, and critical infrastructure networks are all welcome, especially in the domains of energy and transportation. Topics of interest include, but are not limited to:

- Authentication and access control for CPS
- Autonomous vehicle security
- Availability, recovery and auditing for CPS
- Data security and privacy for CPS
- Embedded systems security
- EV charging system security
- Industrial control system security
- Intrusion detection for CPS
- IoT security
- Key management in CPS
- Legacy CPS system protection
- Lightweight crypto and security
- Risk assessment for CPS
- SCADA security
- Security architectures for CPS
- Smart grid security
- Threat modeling for CPS
- Urban transportation system security
- Vulnerability analysis for CPS
- Wireless sensor network security

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Submission Instructions

Submitted papers must not substantially overlap papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. All submissions should be appropriately anonymized (i.e., papers should not contain author names or affiliations, or obvious citations). Submissions must be in double-column ACM SIG Proceedings format, and should not exceed 12 pages. Position papers and short papers of 6 pages describing the work in progress are also welcome. Only pdf files will be accepted. Authors of accepted papers must guarantee that their papers will be presented at the workshop. At least one author of the paper must be registered at the appropriate conference rate. Accepted papers will be published in the ACM Digital Library**. There will also be a best paper award.**

Paper submission site: https://easychair.org/conferences/?conf=cpss2017.

Contact

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