CIMSS 2021 in conjunction with ACNS'21
KAMAKURA, JAPAN (Virtual)
21-24 JUNE 2021

1st International Workshop on Critical Infrastructure and Manufacturing System Security

CALL FOR PAPERS

With increasing numbers of critical infrastructure and manufacturing systems adopting the concept of industry 4.0, they are new targets for attackers to hack. Attacks on these systems can cause monetary loss of enterprises, performance degradation of the products, and production suspension, which are all serious consequences for our society and the manufacturers. This workshop aims to bring together researchers interested in critical infrastructures and manufacturing systems security (CIMSS) to share new ideas. This workshop also intends to foster communications between academia and industry to discuss real-world challenges and innovative solutions. All submissions must follow the original LNCS format with a page limit of 18 pages (incl. references) for the main part (reviewers are not required to read beyond this limit) and 30 pages in total. We also welcome work-in-progress papers (distinguished with "WiP:" in the title).

Topics of interest include, but are not limited to:

New Attack Vectors on CIMSS
Empirical Study of CIMSS
Formal Treatment of CIMSS Authentication
Hunan Factors in CIMSS
Intrusion/Anomaly/Detection/Prevention
Forensics in CIMSS
Novel Security Notions for CIMSS
Cryptographic Tools for CIMSS
Vulnerabilities Discovery and Management in CIMSS
Intellectual Property Protection in CIMSS Novel
Analysis Tools for CIMSS
Risk Management
Control Theoretic Methods for CIMSS
Ransomware in CIMSS

Paper Submission deadline
April 5, 2021

Notification
May 8, 2021

Camera-ready
May 20, 2021

Workshop date
TBD during June 21-24, 2021

The accepted papers will have post-proceedings published by Springer in the LNCS series.

Workshop Chairs:
Chenglu Jin, CWI Amsterdam, The Netherlands
Michail Maniatakos, New York University Abu Dhabi, UAE

Publicity Chairs:
Zheng Yang, Singapore University of Technology and Design, Singapore

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