

# **CIMSS 2021 in conjunction with ACNS'21**

## **KAMAKURA, JAPAN**

### **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  
Human 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**

**March 20, 2021**

**Notification  
April 27, 2021**

**Camera-ready  
May 10, 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 Maniatakis, New York University Abu Dhabi, UAE

#### **Publicity Chairs:**

Zheng Yang, Singapore University of Technology and Design, Singapore

**Contact: [chenglu.jin@cwi.nl](mailto:chenglu.jin@cwi.nl)**

