

Preface

This book presents the revised and selected papers of the Second Workshop on the Security of Industrial Control Systems and Cyber-Physical Systems (CyberICPS 2016), held in Crete, Greece, during September 26–30, 2016, and co-located with the 21st European Symposium on Research in Computer Security (ESORICS 2016).

The event aims to address the increasing number of cyber threats that cyber-physical systems operators around the world face. Cyber-physical systems range in size, complexity, and criticality, from embedded systems used in smart vehicles, to SCADA and industrial control systems like energy and water distribution systems, smart transportation systems etc.

The workshop program included two invited papers and five full papers. The invited papers were entitled “Security of Cyber-Physical Systems: From Theory to Testbeds and Validation” and “Critical Infrastructure Protection: A Holistic Methodology for Greece” presented by Joaquin Garcia-Alfaro (Telecom SudParis, CNRS, Université Paris-Saclay, Evry, France) and George Stergiopoulos (Information Security & Critical Infrastructure Protection Laboratory, Department of Informatics, Athens University of Economics & Business, Greece), respectively. The reviewed paper sessions covered topics related to the management of cyber-security in industrial control systems and cyber-physical systems, including security monitoring, trust management, security policies and measures.

We would like to express our thanks to the people who assisted us in organizing the event and formulating the program. We are very grateful to the Program Committee members for their timely and rigorous reviews of the papers. Finally, we would like to thank all authors who submitted papers for the event and contributed to an interesting set of conference proceedings.

March 2017

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Security of Industrial Control Systems and
Cyber-Physical Systems

Second International Workshop, CyberICPS 2016,
Heraklion, Crete, Greece, September 26-30, 2016,
Revised Selected Papers

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2017, VII, 121 p. 19 illus., Softcover

ISBN: 978-3-319-61436-6