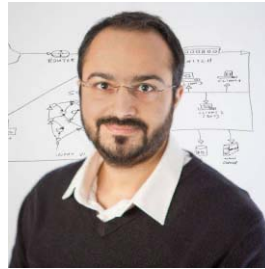


2nd IEEE Services Workshop on Cyber Security and Resilience in the Internet of Things (CSRIoT 2020)



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Message from the Workshop Chairs

It is our great honor and pleasure to welcome you to the 2nd IEEE Services Workshop on Cyber Security and Resilience in the Internet of Things (CSRIoT), which is part of the 2020 IEEE World Congress on Services (October 18 – 24, 2020). The aim of the CSRIoT workshop is to establish an international forum for engineers and scientists to present their ideas and advancements in the fields of cyber-security and resilience.

The explosive development of the concept of Internet of Things (IoT) is accompanied by an unprecedented revolution in the physical and cyber-world. Smart, always-connected IoT devices provide real-time contextual information with low overhead to optimize processes and improve how companies and individuals interact, work, and live. An increased number of businesses, homes and public areas are now starting to explore IoT applications and services. The number of the interconnected IoT devices in use worldwide now exceeds 8 billion, a number that is expected to grow to 22 billion by 2024. To address the comprehensive nature and emerging challenges of cyber-security and resilience in the IoT, the CSRIoT workshop discusses approaches, tools, solutions, and advancements in this area. Its goal is to focus on both the theoretical and practical aspects of the security, privacy, trust and resilience of the IoT networks (wide-area and short-range IoT), including applications, services, and novel ways to deal with their vulnerabilities and mitigate sophisticated cyber-attacks in a number of sectors (e.g. information and communication technologies, critical infrastructures, energy, transportation systems, healthcare, etc.).

We are delighted to announced that we received high-quality submissions that underwent a rigorous peer review process on the basis of their significance, novelty, technical quality, and practical impact. Eventually, 5 high-quality research papers have been selected and will be presented in CSRIoT 2020 with topics focusing on detecting phishing attacks, conceptualizing cyber-resilience, trust management systems for the IoT, security and privacy of Hyperledger blockchain platform, and privacy issues in voice assistants.

There is always a great team behind a successful event. We would like to take this chance to thank the organizing committee of the IEEE Services conference for their endless effort and support in order to make this workshop a success. Of course, we want to express our sincere gratitude to all authors, participants, PC members, and many others who greatly contributed to this workshop in many different ways. We sincerely hope you will find the 2020 CSRIoT workshop quite informative and interesting for you research and professional activities.