



Global Information Infrastructure and Networking Symposium (GIIS 2018)

October 23-25, Thessaloniki, Greece



IEEE



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with



Special Session

Security, Privacy and Trust in the Internet of Things

Organizers: **Costas Vassilakis**, University of Peloponnese, Greece, **Nicholas Kolokotronis**, University of Peloponnese, Greece and **Stavros Shiaeles**, University of Plymouth, United Kingdom

Call for Papers

The technological and industrial revolution brought by the Internet of Things (IoT) comes with new forms of threats and attacks that exploit the inherent complexity and heterogeneity of IoT networks. There are many recent examples of attacks that exploit IoT devices to perform large-scale distributed denial of service attacks, to spy on people, and to hijack communication links, therefore delivering full control of anything that is remotely accessible to an attacker. The special session focuses on both the theoretical & practical aspects of the security, privacy, and trust of IoT networks, devices, applications, and services as well as novel ways of dealing with their vulnerabilities and mitigating sophisticated cyber-attacks.

Topics of interest include but are not limited to:

- Blockchain applications in IoT
- Cyber-threat intelligence
- Game-theoretic security for IoT
- Identity management and access control for IoT
- IoT and cloud forensics
- Lightweight cryptography for IoT
- Malware detection and mitigation
- Network intrusion detection/mitigation
- Privacy and data protection in IoT
- Security in mobile applications
- System and data integrity
- Trust management for IoT

Prospective authors are invited to submit high-quality original technical papers following the rules of the Main Tracks of GIIS 2018 for presentation at the conference and **publication in the GIIS 2018 Proceedings and IEEE Xplore**, using EDAS, at <https://www.edas.info/newPaper.php?c=24414&track=92778>.

Important dates

Paper submission deadline: **August 19, 2018 (extended, firm)**

Notification of paper acceptance: **September 5, 2018**

Camera Ready Papers: **September 15, 2018**

Website: <http://giis-2018.org>

Email: info@giis-2018.org

GIIS 2018 Organizing Committee

General Chairs

Periklis Chatzimisios, ATEITHE, Greece & Bournemouth University, UK

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Track 1: Next Generation Networking and Communications

Gunes Karabulut Kurt, Istanbul Technical University, Turkey

Sergey Andreev, Tampere University of Technology, Finland

Nadjib Aitsaadi, University Paris Est, France

Track 2: Internet of Things

Jesus Alonso-Zarate, CTTC, Spain

Shahid Mumtaz, Instituto de Telecomunicacoes, Portugal

Marios Angelopoulos, Bournemouth University, UK

Track 3: Emerging Topics in Communications and Networking

Anna Tzanakaki, University of Bristol, United Kingdom

Nizar Zorba, Qatar University, Qatar

Syed Hassan Ahmed, University of Central Florida, Orlando, USA

Track 4: Communication Services, Standardization and Telecom Policies

Konstantinos Samdanis, Huawei Technologies, Germany

Symeon Chatzinotas, University of Luxembourg, Luxembourg

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Special Session Chairs

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