

S10 : Security and Privacy of Emerging Networks

Organizer(s) Information:

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Session summary :

Smart grids, autonomous systems, the Internet of Things, cloud computing, smart cities, and E-health are just a few examples of the new and exciting networks that are currently making waves. The spread of Internet-enabled devices presents an excellent opportunity to strengthen significantly emerging systems' security. Analyzing data from various sources in these emerging networks can enhance safety, boost healthcare quality, reduce power use, and better prepare for and respond to disasters. While new opportunities come with the advent of these emerging networks, new threats appear because of the increased attack surface and the unanticipated interactions between multiple entities. These safety hazards may be associated with using medical devices, managing innovative household appliances, developing autonomous vehicles and intelligent transportation systems, or disputes resulting from implementing policies on a societal level.

The Workshop on the Security and Privacy of Emerging Networks aims to bring together experts in the field to discuss the challenges of developing a secure environment for these networks. Since safety is intimately tied up with the privacy and security of a system, we welcome contributions that tackle these issues. We hope to establish a group of researchers who can analyze the risks and flaws in these networks and then design and implement algorithms, frameworks, and other systems to aid in the creation of secure emerging networks. Autonomous vehicles, smart cities, E-Health, smart grids, and intelligent transportation are just a few examples where we'd like to see contributions toward privacy and security issues.

List of topics:

- Security and Privacy Schemes for:
 - Smart Grids



- Autonomous Vehicles (AVs)
- Vehicular Ad-hoc Networks (VANET)
- IoT Applications
- E-Health Applications
- Smart Cities
- Intelligent Transportation Systems (ITS)

Submission:

In order to submit to this session, please write “**S10**” as a prefix to your manuscript name. for example, if you have your file name as “**UAVmobility.pdf**”, the submitted file name should be “**S10-UAVmobility.pdf**.”

Template: Template (**Word**)(6 pages max , 2 more pages with extra fees) (**Latex**)

Submission link:

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