THE FOURTH
INTERNATIONAL WORKSHOP ON SECURE MOBILE COMPUTING SYSTEMS
IWoSeMCS-24
May 6-9, 2024, Philadelphia, USA

in conjunction with
The 24th IEEE/ACM International Symposium on Cluster, Cloud and Internet Computing (CCGRID 2024)

CALL FOR PAPERS

The problems related to privacy and security are still challenging especially in mobile distributed systems. The system end-users are now using mobile devices and services for applications that fall under the data intensive paradigm, such as Skyline queries, streaming information relays, and crowd sourced disaster management. However, the above paradigm shift has opened newer research directions in security, data interoperability, sustainable software development and many other areas.

This workshop primarily encompasses practical approaches that advance research in all aspects of handling large amounts of data in a secure manner in the cloud, mobile nodes and cloud connected Edge clusters such as in MANETs and Wireless Sensor Networks. Successful contributions may range from advanced technologies, applications and innovative solutions for secure clouds, to development of methods, conceptual and theoretical models related to secure management, monitoring, scheduling and resource allocation.

Recommended topic areas include, but are not limited to:

- Mobile systems for security-aware data gathering and assimilation
- Mobile edge and fog secure models and infrastructures
- Mobile secure multi-agent systems
- Machine learning – based models and simulators of mobile clouds
- Advanced security and privacy mechanisms in smart phones and tablets
- Scalable identity and authentication protocols in mobile systems
- Security aware resource allocation and scheduling in mobile networks
- Secure communication in Smart Grid installations using Mobile Ad Hoc Network protocols
- Wireless Sensor Node applications for Smart Grid
- Secure 5G applications for Smart Grid
- Economical models in secure mobile networks
- Secure mobile network applications
- Security testing of mobile and embedded devices

Submission Guidelines:

The authors should submit their papers according the Author kit and submission Instructions available at the workshop webpage:

https://iwosemcs-workshop.eu/paper-submissions/

WORKSHOP ORGANIZERS

Joanna Kolodziej
NASK/ Cracow University of Technology, Poland

Martin Gilje Jaatun
SINTEF Digital / University of Stavanger
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IMPORTANT DATES

Paper Submissions
~~December 17, 2023~~
January 22, 2024

Acceptance Notification
February 11, 2024
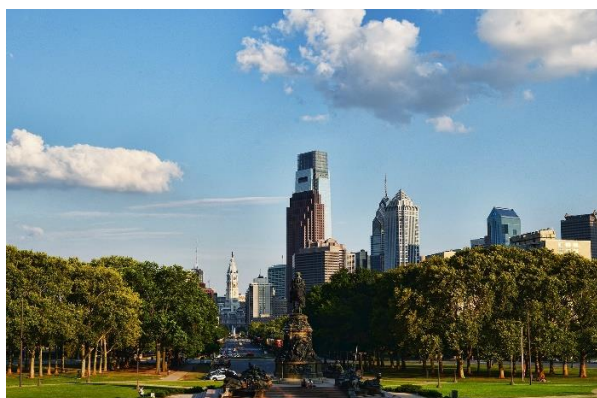
Camera Ready Papers and Registration Due
March 4, 2024

WORKSHOP PUBLICATION

All papers will be published in CCGRID 2024 proceedings.
As an additional incentive to attract participants, we will organize a special issue for distinguished workshop papers in one of the following journals: SIMPAT, IEEE Transactions on Service Computing, or CCPE.

LOCATION

Philadelphia, USA