

The Second International Workshop on Secure Mobile Cloud Computing (IWoseMC-21)

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CALL FOR PAPERS

In conjunction with

[The 21st IEEE/ACM International Symposium on Cluster, Cloud and Internet
Computing](#)

May 10-13, 2021, Melbourne, Victoria, Australia

Submission Deadline: January 15, 2021

SCOPE AND OBJECTIVES

Cloud computing is recognized as a cost-effective paradigm in outsourcing infrastructure, platforms, and software. The problems related to privacy and security are still challenging especially in mobile cloud systems. Cloud end-users are now using mobile systems 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.

The Workshop topics include (but are not limited to) the following:

- 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

PAPER SUBMISSIONS

You are invited to submit original and unpublished research works on above and other topics related to Secure Mobile Cloud Computing. Submitted papers must not have been published or simultaneously submitted elsewhere. Submission should include a cover page with authors' names, affiliation addresses, fax numbers, phone numbers, and email addresses. Please, clearly indicate the corresponding author and include up to 6 keywords from the above list of topics and an abstract of no more than 400 words. The full manuscript should be at most 8 pages using the two-column IEEE format. Additional pages will be charged an additional fee. Please include page numbers on all submissions to make it easier for reviewers to provide helpful comments. Submit a PDF copy of your full manuscript to the Workshop paper submission site at <https://easychair.org/conferences/?conf=iwosemc21>. Only PDF files will be accepted. Each paper will receive a minimum of three reviews. Papers will be selected based on their originality, relevance, technical clarity and presentation. Authors of accepted papers must guarantee that their papers will be registered and presented at the workshop. Accepted papers will be published in the conference proceedings which will be available at the time of the meeting.

Submission of a paper implies that should the paper be accepted, at least one of the authors will register for the CCGRID2021 conference and present the paper in the workshop. Accepted papers will be given guidelines in preparing and submitting the final manuscript(s) together with the notification of acceptance.

All accepted papers will be published as part of the CCGRID2021 proceedings. All previous CCGRID proceedings have been published by the IEEE and available online through IEEE Digital Library (EI indexing).

IMPORTANT DATES

Paper Submissions: ----- **January 15, 2021**

Acceptance Notification: ----- February 5, 2021

Camera Ready Papers and Registration Due: ----- February 19, 2021

WORKSHOP ORGANIZERS

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If you have any questions about paper submission or the workshop, please contact the workshop organizers at the above addresses.

All submitted papers will be reviewed by the workshop technical program committee members (IPC list available soon) following similar criteria used in CCGRID2021.