

IEEE Mobile Cloud 2017

*The 5th IEEE International Conference on Mobile Cloud Computing, Services, and Engineering
2017, San Francisco, USA*

The International Workshop on The Security, Privacy, and Digital Forensics of Mobile Cloud (SeMoCloud 2017)

in conjunction with
The IEEE Mobile Cloud 2017
April 6-8, 2017, San Francisco, USA

Workshop Link: to be entered upon acceptance of proposal

Call for Paper (CFP)

To many people, smartphones and similar mobile devices have been an indispensable part of daily life and work. With personal financial and medical information and job related data being processed on these mobile devices and connected mobile cloud, it is critically important that the development and advancement of secure mobile cloud network and systems, secure mobile cloud applications, and secure mobile devices keep up with the ever-growing mobile usage. For this reason, this research area has been a very important sector in the network and cloud industry and a focus of funded research projects in many research institutes.

The scope of SeMoCloud 2017 encompasses the security, privacy, and digital forensics of mobile cloud systems, networks and modeling, including but not limited to modeling, design and testing of mobile cloud with security and privacy in mind, secure mobile cloud methodologies and algorithms, and secure mobile cloud applications. Topics of interest include (but are not limited to) the following subject categories:

- Modeling, design and testing secure mobile cloud
- Secure algorithms and methodologies for mobile cloud
- Secure and efficient private mobile cloud
- Digital forensics on mobile operating systems, applications and mobile devices
- Secure mobile cloud application design and development
- Smartphone and mobile device/hardware security
- Mobile cloud application security and digital forensics
- Mobile cloud user authentication and authorization
- Multi-factor mobile cloud authentication
- Mobile cloud user privacy
- Vulnerability detection and remediation of mobile cloud
- Intrusion detection and recovery on mobile cloud, applications, smartphones, and other mobile devices
- Mobile cloud device and applications management

Journal Special Issues

Extended version of high quality accepted papers will be recommended to the following journal(s) for publication.

- Special Issue "The Security, Privacy and Digital Forensics of Mobile OS, Applications, Smartphones and Cellular Networks" with Elsevier Digital Communications and Networks (DCN, ISSN: 2352-8648)

- Special Issue “Mobile Systems and Networks: Security, Privacy and Digital Forensics” with MDPI Information (ISSN: 2078-2489)

Workshop Chairs

- **Dr. Lei Chen**, Ph.D., Associate Professor, Department of Information Technology, Georgia Southern University, Statesboro, GA, USA, lchen@georgiasouthern.edu
- **Dr. Rami Haddad**, Ph.D., Assistant Professor, Department of Electrical Engineering, Georgia Southern University, Statesboro, GA, USA, rhaddad@georgiasouthern.edu

Important Dates and Location

Workshop:	TBA (one of the MOBILE CLOUD 2017 conference days)
Location:	San Francisco, USA (venue to be announced)
Paper Due:	November 15, 2016
Paper Notification:	December 22, 2016
Camera-ready Paper Due:	January 31, 2017

Paper Submission Guideline and Publication

Papers must be written in English. Manuscript must include a title, an abstract with 200-250 words, and a list of 4-6 keywords. Each paper is limited to 8 pages, including tables, figures and references. All papers must be prepared in the IEEE double column proceedings format. Please see http://www.ieee.org/conferences_events/conferences/publishing/templates.html. Each paper will be reviewed by at least three TPC members. Authors must submit their manuscripts using the EasyChair conference system. Please follow this EasyChair link: <https://www.easychair.org/conferences/?conf=ieeemobilecloud2017>.

All accepted papers will be published by IEEE Computer Society Press (EI-Index) and included in IEEE Digital Library. For publication, each accepted paper is required to be registered at full rate by one of its authors, and at least one author is required to attend and present the paper at the conference for the paper to be included in the final technical program and the IEEE Digital Library. The length of camera-ready papers will be limited to 8 pages with no surcharge. Up to 2 additional pages may be purchased with extra page fee upon the approval of the Program Chairs.

List of Technical Program Committee (TPC) Members

- Dr. Nirwan Ansari, New Jersey Institute of Technology, USA
- Dr. Guofei Gu, Texas A&M University, USA
- Dr. Feng Hong, Ocean University of China, China
- Dr. Nhien-An Le-Khac, University College Dublin, Ireland
- Dr. Qinghua Li, University of Arkansas, USA
- Dr. Wenjia Li, New York Institute of Technology, USA
- Dr. Mark Scanlon, University College Dublin, Ireland
- Dr. Narasimha Shashidhar, Sam Houston State University, USA
- Dr. Hassan Takabi, University of North Texas, USA
- Dr. Honggang Wang, University of Massachusetts Dartmouth, USA
- Dr. Shucheng Yu, University of Arkansas at Little Rock, USA
- Dr. Michael McGarry, University of Texas at El Paso, USA
- Dr. Sherif Abdelwahed, Mississippi State University, USA

Planned Format of the Workshop

Time	Program
8:00 am	Introduction (workshop chairs)
8:15 am	Invited Keynote Speech
8:45 am	Session #1 (3 paper presentations)
10:15 am	break
10:30 am	Session #2 (3 paper presentations)
12:00 pm	Lunch Break
1:30 pm	Session #3 (3 paper presentations)
3:00 pm	break
3:15 pm	Session #4 (3 paper presentations)
4:45 pm	Closing comments from workshop chairs and feedbacks from authors, presenters, and audience
5:00 pm	Adjournment