



**17th IEEE/ACIS International Conference on Software Engineering Research,
Management and Applications (SERA 2019)**



**May 29-31, 2019 – Honolulu, Hawaii
Hilton Waikiki Beach**

Sponsored by IEEE Computer Society and International Association for Computer and Information Science (ACIS)

SERA 2019 Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by EI, INSPEC, and DBLP

Call for Papers

The International Conference on Software Engineering Research, Management and Applications (SERA2019) brings together researchers, practitioners, and advanced graduate students to exchange and share their experiences, new ideas, and research results and research-in-progress about all aspects (theory, applications and tools) of Software Engineering Research, Management and Applications, and discuss the practical challenges encountered, and the solutions adopted. The conference will cover a broad set of research topics as:

Software Agent Technology	Middleware Design Techniques	Reliability Modeling and Analysis
Case Studies	Modeling with UML	Cost Modeling and Analysis
Component-Based Software Engineering	Mobile/Wireless Computing	Computer & Software Engineering
Communication Systems and Networks	Parallel and Distributed Computing	Big Data Analytics
Data Mining and Knowledge Recovery	Safety and Security Critical Software	Business Process Reengineering & Science
Artificial Intelligence	Reengineering, Reverse Engineering	Design & Process Engineering & Science
Design Patterns and Frameworks	Software Evolution and Understanding	Process Management & Improvement
Software Architecture	Software Testing Techniques	Software Engineering Education
Economic and Financial Systems	Software Reuse and Metrics	Healthcare Engineering
Requirements Engineering	Object-Oriented Technology	Software Process Models
Technology Transfer	Human Computer Interaction	Social Network Analysis

Best Paper and Student Paper Awards

All accepted papers would be considered for the Best Paper Award (BPA) and Best Student Paper Awards, which will be determined by the award committee members. To qualify for the award, the paper must be presented at the conference.

Submission Instructions: The conference accepts submissions of the following types:

- Regular papers (two columns, 8 pages max.)
- Short papers (two columns, 4 pages max.)
- Posters (2 pages max.)

All submissions should follow the IEEE templates (<https://www.ieee.org/conferences/publishing/templates.html>).

Online submission is available at: <http://www.acisinternational.org/>.

Important Dates (all deadlines are based on Hawaii Standard Time, UTC/GMT – 10 hours)

Workshop/Special session proposal: January 7, 2019

Full Paper Submission: March 15, 2019

Acceptance Notification: March 30, 2019

Camera-Ready & Registration: April 15, 2019

Conference Organization

General Chair: Roger Lee, Central Michigan University, USA

Conference Chair: Yeong-tae Song, Towson University, USA

Program Chairs: Subrata Acharya, Towson University, USA

Nam P. Nguyen, Towson University, USA

Publicity Chairs: Dr. Masato Oguchi, Ochanomizu University, Tokyo, Japan

Hien Nguyen, Ton Duc Thang University, Vietnam

Dr. Yongik Yoon, SookMyung Women's University, Seoul, Korea

Web Chair: Thang N Dinh, Virginia Commonwealth University, USA

Workshop Chairs: Aisha Ali-Gombe, Towson University, USA

Ali Tekeoglu, Ph.D., SUNY Polytechnic Institute, Albany, NY

Journal publications

Conference officers will select outstanding papers for publication in the following journals (www.acisinternational.org):

- International Journal of Networked and Distributed Computing (IJNDC), Paris, France
- International Journal of Software Innovation (IJSI), IGI Globe, U.S.A.
- Studies in Computational Intelligence (SCI), Springer, Germany