



## Call for Papers

**24th IEEE/ACIS International Conference on Software Engineering  
Research, Management and Applications (SERA 2026)**  
**May 27-May 29, 2026, Towson, Maryland, USA**



**IEEE/ACIS SERA 2026** 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. There are three submission types (in [IEEE Conference templates](#)):

- Full Paper (up to 8 pages)
- Short Paper (up to 4 pages)

- Posters

## Important Dates

Workshop/Special session proposal:	January 10, 2026
Full Paper Submission:	March 14, 2026
Acceptance Notification:	April 4, 2026
Camera-Ready Papers & Registration:	April 18, 2026
Conference Dates:	May 27-May 29, 2025

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

- International Journal of Networked and Distributed Computing (IJNDC), Springer, Germany
- International Journal of Software Innovation (IJSI), IGI Global, U.S.A.
- International Journal of Big Data Intelligence and Applications (IJBDIA), IGI Global, USA
- Studies in Computational Intelligence (SCI), Springer, Germany

The conference will cover a broad set of **research topics** but not limit to:

1. Software Engineering Foundations
  - Software Testing & Analysis
  - Requirements, Modeling & Design
  - Evolution & Maintenance
  - Project Management & Metrics
  - Agile Methods & Tools
2. Software Architecture & Design
  - Software Architecture Principles
  - Architecture Description Languages
  - Styles, Patterns & Views
  - Architecture Evaluation
  - Architecture Design Tools
3. Systems & Infrastructure
  - Parallel & Distributed Computing
  - Communication Systems & Networks
  - Cloud & Edge Computing
  - Internet of Things (IoT)
  - Embedded / Cyber-Physical Systems
4. Security & Trust
  - Software Security & Privacy
  - Blockchain & Smart Contracts
  - Digital Forensics
  - Web & Object-Oriented Engineering
  - Software Engineering Education
5. Data, Intelligence & Emerging Tech
  - Data Mining & Knowledge Discovery

- AI & Big Data Analytics
- Deep Learning & NLP
- Explainable AI (XAI)
- Digital Twin & Health Informatics

## 6. Algorithms & Quantum Computing

### Best Paper Award

Conference officers will select papers for the Best Paper Award and Best Student Paper Awards. (in order to qualify for the award, the Paper must be presented at the conference.)

### Submission Instructions

Authors who are interested in the above topics can submit their unpublished work to SERA 2025 conference via [Easychair](#). A clear indication of the motivation and comparison with prior related work should be presented. Simultaneous submission to a journal or another conference with refereed proceedings is not allowed.

Submissions must adhere to the following guidelines:

- Papers must be formatted using [IEEE Conference templates](#) file without altering margins or the font point.
- The maximum length is 8 pages for a regular paper and is 4 pages for a short paper (including references).
- Proofs omitted due to space constraints must be placed in an appendix to be read by the program committee members at their discretion.

### Publication

SERA 2025 Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by EI, INSPEC, and DBLP.

***Journal publication:*** Conference officers will select outstanding papers for publication in the following journals :

- **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.

### Organizing Committee

#### General Chair

Mathew A. Nugent, Towson University

#### Conference Chair

Yeong-Tae Song, Towson University

#### Program Co-Chairs

Weixian Lian, Towson University  
Jongyeop Kim, Georgea Southern University

**Publicity Co-chairs**  
Kristine Schuller, Towson University  
Md Jobair Hossain Faruk, University of Central Arkansas

**Finance Chair**  
Roger Lee

**Special Session Co-chairs**

**Workshop on Artificial Intelligence in Multidisciplinary Applications (WAIMA)**  
**Workshop Chair**  
Jinie Pak, Towson University