



## Preliminary Call for Papers

**18th IEEE/ACIS International Conference on Software Engineering  
Research, Management and Applications (SERA 2021)  
June 20-June 22, 2021, Kanazawa, Japan**



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

**SERA 2021 Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by EI, INSPEC, and DBLP.**

### Important Dates

<b>Workshop/Special session proposal:</b>	<b>January 22, 2021</b>
<b>Full Paper Submission:</b>	<b>March 1, 2021</b>
<b>Acceptance Notification:</b>	<b>March 29, 2021</b>
<b>Camera-Ready Papers &amp; Registration:</b>	<b>April 9, 2021</b>
<b>Conference Dates:</b>	<b>June 20-June 22, 2021</b>

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)*, Paris, France
- *International Journal of Software Innovation (IJSI)*, IGI Globe, U.S.A.
- *International Journal of Big Data Intelligence and Applications (IJBDA)*
- *Studies in Computational Intelligence (SCI)*, Springer, Germany

The International Conference on Software Engineering Research, Management and Applications (SERA2021) 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	Technology Transfer
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

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.)

**General Chair**

Simon Xu, Algoma University, Canada

**Conference Chair**

Osamu Mizuno, Kyoto Institute of Technology

**Program Chair**

Sousuke Amasaki, Okayama Prefectural University  
Eunjong Choi, Kyoto Institute of Technology

**Publicity Chair**

Masanari Kondo, Kyoto Institute of Technology

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**Registration Chair**

TBA

**Local Arrangement Chair**

Teruhisa Hochin, Kyoto Institute of Technology