

# CALL FOR PAPER

## 32nd IEEE/ACIS International Summer Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing

(SNPD 2025)

July 23-25, 2025

Algoma University (Brampton), Toronto, Canada

<https://acisinternational.org/conferences/snpd-2025/>

Sponsored by IEEE and ACIS, USA  
and Algoma University, Canada



### Important Dates

Workshop/Special session proposal	<del>February 7, 2025</del>
Workshop/Special session acceptance notification	<del>February 14, 2025</del>
Full/Poster Paper submission	<del>April 5, 2025</del> <b>Extended: May 20, 2025</b>
Acceptance notification	<del>April 19, 2025</del> <b>Extended: May 13, 2025</b>
Registration & camera-ready papers	<del>April 30, 2025</del> <b>Extended: May 27, 2025</b>
Conference Dates	July 23-25, 2025

## The conference will cover a broad set of research topics as:

New Advances and Practical Challenges in Software Engineering
User Interfaces for Adaptive Software Systems
Data Analysis for Decision Support in Software Systems
AI-driven Requirements Engineering and Design in Software Development
Applications of Deep Learning in Predicting and Remediating Software Defects
Design and Optimization of Microservices Architecture
Continuous Integration and Deployment Practices under DevOps Environments
Recent Developments in Automation Testing Technologies for Software Quality Assurance
Role of Artificial Intelligence in Software Maintenance and Evolution Processes
Design and Implementation of Large-scale Parallel and Distributed Computing Systems
Research on Software Reliability and Security in Cloud Computing Environments
Performance Optimization and Tuning for Industrial-grade Software Systems
Quantum Software Engineering: Emerging Opportunities and Challenges
Research on Software Adaptability in Heterogeneous Hardware Environments
Software Defense Mechanisms against Cybersecurity Threats
Study and Application of AI Programming Tools and Frameworks
Synchronization and Communication Mechanisms in Concurrent and Distributed Systems
Building Trust Mechanisms in Software Engineering Based on Blockchain
Application of AI Algorithms in Complex Network Routing Optimization
Synergetic Evolution of Software Ecosystems and Open-source Software
Software Engineering Techniques and Practices for the Internet of Things (IoT)
Innovation in Software for High-performance Computing (HPC) and Large-scale Data Analysis Integration
Ethics in Artificial Intelligence and Responsible Software Development Practices

### Submission Instructions

Authors who are interested in the above topics can submit their unpublished work to SNPD 2025-Summer 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

SNPD 2025-Summer Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by EI, INSPEC, and DBLP

***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, U.S.A.
- *Studies in Computational Intelligence (SCI)*, Springer, Germany

### **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.)

### **Best Conference/Symposium/Workshop/Special Session Organizer Award**

The Award Committee (general chair & CEO) and the Chairs of the conference (conference chair; program Chair: & session chairs) will select the best organizers for their outstanding contributions and services to the success of the conference/symposium/workshop/special session.

### **Organizing Committee**

#### **Honorary Chair:**

Dr. Roger Lee, Central Michigan University, USA

#### **General Chair**

Dr. Simon Xu, Algoma University, Canada

#### **Conference Chairs**

Dr. Miguel Garcia-Ruiz, Algoma University, Canada

Dr. Wenyin Feng, Trent University, Canada

#### **Conference Industry Track Chair**

Mr. Vinay Paramanand, Algoma University, Canada

Dr. Mahreen Nasir, Algoma University, Canada

#### **Program Chairs**

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Dr. Randy Lin, Algoma University, Canada

Dr. Ajmery Sultana, Algoma University, Canada

#### **Registration Chairs**

Dr. Randy Lin, Algoma University, Canada

Dr. Ajmery Sultana, Algoma University, Canada

#### **Publicity Chairs**

Dr. Faria Khandaker, Algoma University, Canada

Dr. Wenqian Shang, Communication University of China, China

Dr. Kailong Zhang, Northwestern Polytechnical University, China

Dr. Morshed Chowdhury, Deakin University, Australia

Dr. Yukihiro Shintani, Chiba Institute of Technology, Japan

Dr. Mahreen Nasir, Algoma University, Canada

#### **Local Arrangements Chair**

Dr. A B M Bodrul Alam, Algoma University, Canada

Dr. Faria Khandaker, Algoma University, Canada



**Finance Chair**

Roger Y Lee, Central Michigan University, USA

