

Algoma
UNIVERSITY



IEEE



CALL FOR PAPERS

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

Greater Toronto Area (GTA), Canada

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

Sponsored by IEEE and ACIS, USA

and Algoma University, Canada



Important Dates

Workshop/Special session proposal February 7, 2025
Workshop/Special session acceptance notification February 14, 2025
Full/Poster Paper submission April 5, 2025
Acceptance notification April 19, 2025
Registration & camera-ready papers April 30, 2025
Conference Dates July 23-25, 2025

The conference will cover a broad set of research topics (non-exhaustive list):

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)
Large-Scale Data Analysis Integration
Innovation in Software for High-Performance Computing (HPC)
Ethics in Artificial Intelligence and Responsible Software Development Practices

Paper and poster submission instructions

Authors who are interested in the above topics can submit their unpublished work to SNPD 2025-Summer conference via <https://easychair.org/my/conference?conf=snpd2025summeriv>. A clear indication of the motivation and comparison with prior related work should be presented. Simultaneous submission to a journal or another conference is not allowed.

Submissions must adhere to the following guidelines:

- Papers must be formatted using an IEEE template file from <https://www.ieee.org/conferences/publishing/templates.html> without altering margins or the font point.
- The maximum length is 8 pages for a regular paper and 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.

Poster paper: Poster papers should be up to 2 pages in length (+ references).

Posters offer authors the opportunity to present early results and new ideas on cutting-edge and experimental research. Authors should highlight leading ideas of the ongoing research and its expected outcome and impact. Poster papers should present a summary of the research work and ideas that will be presented during the poster session.

Poster presentation: A0 dimension (84.1 x 118.9 cm, or 33.1 x 46.8 inches), vertically oriented.

Accepted posters must be presented at the conference and at least one author for each poster must be registered for the conference.

All the paper and poster submissions will be peer-reviewed based on technical quality, relevance, originality, significance, and clarity.

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):

- *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 (IJBDA), 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 (to qualify for the award, the paper must be presented at the conference.)

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

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

Should you have any doubts about your paper or poster proposal, please contact the Conference Chair:

miguel.garcia@algonau.ca

Please feel free to forward this message to colleagues or contacts who may be interested in participating.