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~~ May 5, 2025
Acceptance notification ~~April 19, 2025~~ May 19, 2025
Registration & camera-ready papers ~~April 30, 2025~~ May 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 Remedying 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 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.

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

Poster paper:

Poster papers must 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 poster submissions will be peer-reviewed based on technical quality, relevance, originality, significance, and clarity.

Please submit your poster paper to the workshop/special session organizers directly. Do not use the Easychair page for that.

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

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Organizing Committee:

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Should you have any doubts about your paper or poster proposal, please contact the Conference Chair:
miguel.garcia@algomau.ca
Please feel free to forward this message to colleagues or contacts who may be interested in participating.