CALL FOR PAPER

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

(SNPD 2025)

July 21-23, 2025
Toronto, Canada
https://acisinternational.org/conferences/snpd-2025/
Sponsored by IEEE and ACIS, USA
and Algoma University, Canada

Important Dates

Workshop/Special session proposal	**January 12, 2025**
Workshop/Special session acceptance notification	**January 26, 2025**
Full/Poster Paper submission	**April 5, 2025**
Acceptance notification	**April 19, 2025**
Registration & camera-ready papers	**April 30, 2025**
Conference Dates	**July 21-23, 2025**

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

New Advances and Practical Challenges in Software Engineering
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)
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Authors who are interested in the above topics can submit their unpublished work to SNPD 2024-Summer conference via Easychair.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):
- *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.)

Organizing Committee

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