NPC 2025
The 21st IFIP International Conference on Network and Parallel Computing

November 14-16, Nha Trang, Vietnam

Call for Papers

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Important Dates:
Paper submission: July 01, 2025
Author notification: September 01, 2025
Camera-Ready: September 15, 2025
Registration: September 15, 2025
Conference date: November 14-16, 2025

The IFIP International Conference on Network and Parallel Computing (NPC) is a prestigious annual gathering that serves as a global platform for researchers, academics, and industry findings, and innovative solutions in the fields of network, distributed, and parallel computing.

NPC is one of the CCF (China Computer Federation) recommended conferences (C series) and also a C-recommended conference under the ranking system by CORE (the Computing Research and Education Association of Australia and New Zealand).

Topics of interest include, but are not limited to:
Networked, distributed, and parallel computing applications and algorithms
- Networked, distributed, and parallel computing issues and opportunities with Artificial intelligence applications.
- Networked, distributed, and parallel algorithms for computational and data-enabled scientific, engineering, biological, and medical applications.
- Networked, distributed, and parallel algorithms for accelerators, neuromorphic architectures, and other emerging architectures.

Networked, distributed, and parallel computing architectures and systems
- Computing and network convergence technologies and systems, computing power networks, computing utility
- Emerging architectures and systems at all scales, from embedded, device, edge to cloud.
- Novel distributed and parallel architectures and systems for AI model training and inference, domain-specific accelerators for AI
- High-performance computing, systems for enabling parallelism at extreme scale
- Power-efficient and green computing systems
- Non-traditional Computing Technology
- Neuromorphic architectures and cognitive computing accelerators
- Heterogeneous multicore architectures and accelerators
- In-memory and near-data computing.
- Network and interconnect architectures.
- Storage systems with novel architectures.

Networked, distributed, and parallel computing software environments and tools
- Programming models and compilation for existing and emerging platforms.
- Dataflow programming models, frameworks, languages, and environments for data-enabled platforms.
- Virtualization of machines, networks, and storage.
- I/O, file systems, and data management.
- Resource management, scheduling, and load balancing.

Submission Guidelines:
Papers reporting original and unpublished research results and experience are solicited. All paper submissions will be handled electronically via EasyChair:
https://easychair.org/conferences/?conf=npc2025
All Papers should be formatted using the Springer-LNCS template, and must not exceed 12 pages. The conference proceeds will be published by Springer-LNCS, which is indexed by EI and Scopus.
Website:https://www.npc-conference.com/#/npc2025