

🌐 Belgium 📅 May 11-13, 2025

CONFERENCE WEBSITE: <https://ispass.org/ispass2025/>

| About the Conference

The IEEE International Symposium on Performance Analysis of Systems and Software (ISPASS) provides a forum for sharing advanced academic and industrial research focused on performance analysis in the design of computer systems and software. ISPASS 2025 will be held on May 11-13, 2025 in Ghent, Belgium. Authors are invited to submit previously unpublished work for possible presentation at the conference.

Papers are solicited in fields that include the following:

- Performance and efficiency (power, area, etc.) evaluation methodologies
- Analytical modeling
- Statistical approaches
- Tracing and profiling tools
- Simulation techniques
- Hardware (e.g., FPGA) accelerated simulation
- Hardware performance counter architectures
- Power, temperature, variability and/or reliability models for computer systems
- Microbenchmark-based hardware analysis techniques

Important Dates

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CONFERENCE
DATE
**May 11-13,
2025**

Foundations of performance and efficiency analysis
Metrics
Bottleneck identification and analysis
Visualization

Efficiency and performance analysis of commercial and experimental hardware
Multi-threaded, multicore and many-core architectures
Accelerators and graphics processing units
Memory systems, including storage-class memory
Embedded and mobile systems
Enterprise systems and data centers
HPC and Supercomputers
Computer networks
Quantum computing
Emerging technologies

Efficiency and performance analysis of emerging workloads and software
Software written in managed languages
Virtualization and consolidation workloads
Datacenter, internet-sector workloads
Embedded, multimedia, games, telepresence
Deep learning and convolutional neural networks

Application and system code tuning and optimization

Confirmations or refutations of important prior results

In addition to research papers, ISPASS welcomes tool and benchmark paper submissions. The

conference is an ideal forum to introduce new tools and benchmarks to the community. These papers, which can detail tools and benchmarks in the above fields of interest, will be judged primarily on their potential to enable and amplify future research, which should be clearly motivated in the paper. We also expect that authors of accepted tools/benchmark papers open-source their tool/benchmark before the conference.

Important Dates

Paper abstract submission deadline: December 9
2024, 11:59:59 PM, Anywhere on Earth

Full submission deadline: December 16, 2024,
11:59:59 PM, Anywhere on Earth

Rebuttal: February 10-14, 2025

Paper notification: March 3, 2025