

🌐 Italy 📅 June 3, 2025

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CONFERENCE WEBSITE: <http://www.iwapt.org/2025/>

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## | About the Conference

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:: iWAPT 2025 :: CALL FOR PAPERS

The 20th International Workshop on Automatic Performance Tuning

<http://www.iwapt.org/2025/>

June 3/4 2025 at Politecnico di Milano, Milan, Italy

The iWAPT 2025 will be held in conjunction with IPDPS 2025.

<http://www.ipdps.org/>  
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### # Important dates

Paper submission due: January 17, 2025

Author Notification: February 24, 2025

Camera ready papers: March 6, 2025

Conference sessions: June 3, 2025

Submission site:

<https://ssl.linklings.net/conferences/ipdps/>

### # About iWAPT

iWAPT (International Workshop on Automatic Performance Tuning)

is

a series of workshops that focus on research and techniques related

to performance sustainability issues. The series provides an opportunity

for researchers and users of automatic performance tuning (AT) technologies to exchange ideas and experiences acquired when applying

### 📅 Important Dates



CONFERENCE DATE  
**June 3, 2025**

such technologies to improve the performance of algorithms, libraries, and applications; in particular, on cutting edge computing platforms.

The full-day workshops consist of invited keynote speaker presentations, and 30-minute presentations of research papers. Occasionally, exploratory or position papers are also accepted. Topics of interest include performance modeling; adaptive algorithms; autotuned numerical algorithms; libraries and scientific applications; empirical compilation; automated code generation; frameworks and theories of AT and software optimization; autonomic computing; and context-aware computing.

We are particularly interested in autotuning and its relationship to the following areas (the list is not exhaustive):

- \* Use of Generative AI for autotuning
- \* Autotuning for or with non von-Neumann (Quantum, Neuromorphic, ...) architectures
- \* Machine-adaptive algorithms
- \* Automatic program generation
- \* Performance analysis and modeling
- \* Adaptive numerical algorithms and libraries
- \* Multi- and manycore systems, heterogeneous architectures challenges
- \* Compilation strategies (e.g. iterative and empirical compilers)
- \* Programming models
- \* Runtime systems
- \* Empirical search heuristics
- \* Power- and/or energy-aware computing
- \* Hyper-parameter tuning for machine learning

#### # Paper Submission guidelines

Submitted manuscripts may not exceed ten (10) single-spaced double-column pages using 10-point size font on 8.5x11 inch pages (IEEE conference style), including figures, tables, and references.

The IEEE conference style templates for MS Word, LaTeX, and Overleaf provided

by IEEE eXpress Conference Publishing are available for download.  
<https://www.ieee.org/conferences/publishing/templates.html>

Files should be submitted IPDPS 2025 Submission Site (powered by Linklings).

<https://ssl.linklings.net/conferences/ipdps/> (will be opened soon)

The review process is single blind review.

Accepted submissions will be included in the IPDPSW proceedings.

Submission implies the willingness of at least one of the authors to register and present the paper. The authors may use PDF eXpress, the IEEE online file converter and validation tool, to complete the final paper submission process. More details about camera-ready will also be announced when notification of the paper.

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