Call for Papers and Announcement
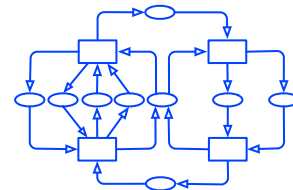**Petri Nets 2025**

46th INTERNATIONAL CONFERENCE ON APPLICATION AND THEORY OF PETRI NETS AND CONCURRENCY

23–27 June 2025, Paris, France

Additional information about the conference will be published via http://conf-2025.petrinet.net

Contact: pn2025@petrinet.net

Important dates

Abstract submission	January 15, 2025 (*)
Submission of papers	January 22, 2025 (*)
Notification	March 10, 2025
Final version due	March 24, 2025 (*)
Participation in Tool Exhibition	May 30, 2025
Workshops and Tutorials	June 23–24, 2025
Main Conference	June 25–27, 2025

(*) The deadline is the end of day Anywhere on Earth (AoE)

The **46th annual international Petri Nets conference** will be organised by the **LoVe (Logics and Verification) team** at the **Université Sorbonne Paris Nord**, France, jointly with members of the **MeFoSyLoMa group**. The conference will take place at the **Campus Condorcet**.

The language of the conference is English, and its proceedings will be published by **Springer-Verlag in Lecture Notes in Computer Science**. Papers presenting **original research on application or theory of Petri nets**, as well as contributions addressing topics relevant to the general field of **distributed and concurrent systems** or focused on **applications of concurrency to system design** are sought.

All accepted papers will be considered for an *Outstanding Paper* award. Authors of **selected papers** presented at the conference will be invited to submit an extended version that will be further reviewed for inclusion into a special issue of a renowned journal.

Topics specific to Petri Nets

- Analysis and synthesis, structure and behaviour of nets
- System design and model-driven development using nets
- Relationships between Petri nets and other approaches
- Net-based semantical, logical and algebraic calculi
- Higher-level net models (coloured nets, timed nets, etc.)
- Stochastic net models
- Verification and model checking using nets
- Process discovery and conformance checking
- Computer tools for nets
- Standardisation of nets
- Experience reports describing applications of nets to different kinds of systems and application fields, e.g.:

flexible manufacturing systems	office automation
real-time systems	workflows
embedded systems	process mining
biological systems	supervisory control
health and medical systems	protocols and networks
environmental systems	Internet and Web services
hardware	e-commerce and trading
telecommunications	programming languages
railway networks	performance evaluation
component based development	operations research

General topics of interest related to concurrency

- Application of concurrency to system design: formal models for designing computer systems with concurrent behaviour; applied research aimed at designing computer systems which exhibit concurrency
- Model checking and verification of distributed systems
- Verification of infinite-state or parametric systems
- Causality/partial order theory of concurrency
- Educational issues related to concurrency
- New developments in the theory of concurrency
- Modelling of hardware and biological systems

Paper Submission

Two kinds of papers can be submitted:

- **Regular papers (max. 20 pages excluding references)** describing original results pertaining to the development of the theory of Petri nets and distributed and concurrent systems in general, new results extending the applicability of Petri nets, or case studies, application and experience reports pertinent to the practical use of Petri nets and concurrency.
- **Tool papers (max. 10 pages excluding references)** describing a computer tool based on Petri nets (not an application of the tool or the theory behind the tool). The tool should be available for use by other groups (but not necessarily for free). The submission should indicate how the reviewers can get access to the tool (this must be for free). The tool will be demonstrated in the Tool Exhibition, in addition to being presented in a conference talk.

Papers must be written in English using the Springer LNCS format: http://www.springer.de/comp/lncs/authors.html, including line numbers (e.g., `lineno` LaTeX package) and submitted electronically (as a PDF file) by the deadline indicated at the top of this Call for Papers using EasyChair:

https://easychair.org/conferences/?conf=petrinets2025

Tool Exhibition

An exhibition of Petri net tools will take place on Wednesday. It consists of informal demonstrations for small groups/individuals and there are no scheduled talks. Requests for participation in the tool exhibition must be sent to the Tool Exhibition chairs by the deadline stated at the top of this Call for Papers. They should include a link to the Web pages for the tool (or a short description of the tool). The demonstrators should bring their own laptops, while the organisers may be requested to give access to the Internet.

Courses, Workshops and Tutorials

The main conference takes place from Wednesday 25 to Friday 27. The two days before the main conference also offer a wide range of activities. The **Petri Net Course** takes place from Monday 23 to Tuesday 24. It offers a thorough introduction to Petri nets in half-days and full-day modules. For successful participation in the entire course, including preparation and examination, two credit points (ECTS) will be awarded. Each module of the course can also be taken separately, without any credit. Detailed descriptions of Workshops and Tutorials will be made available via the conference Web pages.

It is also possible to arrange **Meetings** and **Courses** related to Petri Nets. Submissions for such activities must contain a 2–5 page description. They must be received by the Workshops and Tutorials chairs via email no later than January 15, 2025.

Organisation

Programme Committee co-chairs

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