

Call for Papers and Announcement

Petri Nets 2007

28th INTERNATIONAL CONFERENCE ON APPLICATION AND THEORY OF PETRI NETS AND OTHER MODELS OF CONCURRENCY

Siedlce, Poland, June 25-29, 2007

Additional information about the conference will be published via
<http://atpn2007.ap.siedlce.pl>

Contact e-mail: atpn2007@ap.siedlce.pl

Important Dates:

Submission of Papers: January 5, 2007
Notification: March 1, 2007
Final Version Due: April 1, 2007
Tutorials & Workshops: June 25-26, 2007
Conference: June 27-29, 2007



The 28th annual international Petri Net conference and tutorials will be organised by the Institute of Computer Science at the University of Podlasie and Institute of Computer Science of the Polish Academy of Sciences. Papers presenting original contributions in any area of application and theory of Petri nets are sought. The language of the conference is English.

Topics

System design and verification using nets,
Analysis and synthesis, structure and behaviour of nets,
Relationships between net theory and other approaches,
Causality/partial order theory of concurrency,
Net-based semantical, logical and algebraic calculi,
Symbolic net representation (graphical or textual),
Computer tools for nets,
Experience with using nets, case studies,
Educational issues related to nets,
Higher-level net models,
Timed and stochastic nets,
Standardisation of nets,

Applications of nets to different kinds of systems and application fields, e.g.:
flexible manufacturing systems, real-time systems, embedded systems, defence systems, biological systems, health and medical systems, environmental systems, hardware structures,
telecommunications, railway networks, office automation, workflows, supervisory control, protocols and networks, Internet, e-commerce and trading, programming languages, performance evaluation, operations research.

The conference takes place under the auspices of EATCS and GI SIG "Petri Nets and Related System Models". The proceedings will be published by Springer-Verlag in Lecture Notes in Computer Science.

Paper Submissions

Three kinds of papers can be submitted: theory papers (max 20 pages), application papers (max 20 pages) and tool papers (max 10 pages).

Submissions for papers must:

- Contain original contributions that have not been published or submitted to other conferences/journals in parallel with this conference.
- Be sent electronically (as a PostScript or PDF file) using the website <http://sttt.cs.uni-dortmund.de/atpn07/servlet/Conference> no later than January 5, 2007.
- Clearly state the problem being addressed, the goal of the work, the results achieved, and the relation to other work.
- Be in the Springer LNCS-format: <http://www.springer.de/comp/lncs/authors.html>.

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History of the Conference

The aim of the conference is to create a forum for discussing progress in the application and theory of Petri nets. Typically, the conferences have 150-200 participants - one third of these coming from industry, the rest from universities and research institutions. The conference takes place in the last week of June. The proceedings are published by Springer-Verlag as Lecture Notes in Computer Science.

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