

## Call for Papers and Announcement

### Petri Nets 2014

#### 35th INTERNATIONAL CONFERENCE ON APPLICATION AND THEORY OF PETRI NETS AND CONCURRENCY

Tunis, Tunisia, June 23-27, 2014

Additional information about the conference will be published via

<http://petrinets2014.cnam.fr>

Contact e-mail: [petrinets2014@cnam.fr](mailto:petrinets2014@cnam.fr)

The conference will be co-located with the

14th International Conference on

Application of Concurrency to System Design (ACSD 2014).

#### Important Dates:

Submission of Papers:	January 10, 2014
Notification:	March 1, 2014
Final Version Due:	April 1, 2014
Participation in Tool Exhibition:	June 1, 2014
Workshops & Tutorials:	June 23–24, 2014
Conference:	June 25–27, 2014

The deadline for submission of papers is STRICT. However, if you submit the title and abstract by January 10, it is sufficient to submit the full paper by January 15. Some of the best papers accepted for the conference will be invited as submissions to a special issue of the [Fundamenta Informaticae](#) journal.

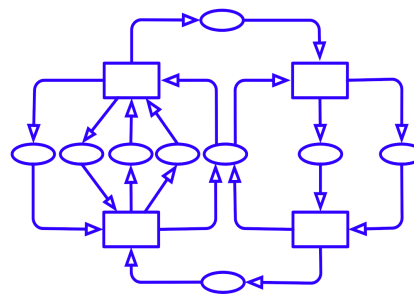
The 35th annual international Petri Net conference will be organized by the Computer Science and Communication Departments of [Tunis El Manar University \(ENIT\)](#), [Carthage University \(INSAT\)](#) and [Manouba University \(ENSI\)](#). The conference takes place under the auspices of the [Academia Europaea, EATCS](#), and [GI SIG "Petri Nets and Related System Models"](#). The language of the conference is English, and its proceedings will be published by Springer-Verlag in [Lecture Notes in Computer Science](#). All accepted papers will be considered for an "Outstanding Paper" award. 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 are sought.



Bab Souika Square

#### General topics related to concurrency

- Modelling approaches
- 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 issues and developments in the theory of concurrency



Hill of Sidi Bou Said

#### Topics specific to Petri Nets

- System design using nets
- Analysis and synthesis, structure and behaviour of nets
- Relationships between Petri Nets and other approaches
- Net-based semantical, logical and algebraic calculi
- Symbolic net representation (graphical or textual)
- Computer tools for nets
- Higher-level net models
- Timed and stochastic nets
- Standardisation of nets
- Experience reports and case studies 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	supervisory control
defence systems	protocols and networks
biological systems	Internet
health and medical systems	e-commerce and trading
environmental systems	programming languages
hardware	performance evaluation
telecommunications	operations research
cyber physical systems	railway networks

## Paper Submissions

Two kinds of papers can be submitted:

- regular papers (max 20 pages) 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. For papers describing experiences from applications of Petri Nets, authors are encouraged to consult the document:  
<http://www.informatik.uni-hamburg.de/TGI/PetriNets/sc-info/docs/ApplicationFormat.pdf>
- tool papers (max 10 pages) 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 must be demonstrated in the Tool Exhibition, in addition to being presented in a conference talk. For more information, please see the document:  
<http://www.informatik.uni-hamburg.de/TGI/PetriNets/sc-info/docs/ToolFormat.pdf>

Submitted papers must:

- be contributions that are not published and are not being considered for publication in any other peer-reviewed forum simultaneously;
- clearly state the problem being addressed, the goal of the work, the results achieved, and the relation to other work;
- be in English and in the Springer LNCS-format: <http://www.springer.de/comp/lncs/authors.html>
- adhere to the page limit for the relevant category (see above);
- be sent electronically (as a PDF file) no later than the above mentioned deadlines, using the website: <https://www.easychair.org/conferences/?conf=petrinets2014>

The title page must:

- contain a short abstract and a classification of the topics covered, preferably using the list of topics above;
- clearly indicate whether the paper is submitted as a regular paper or tool paper.

Submissions not meeting the above requirements may be immediately rejected by the PC Chairs. Authors will be notified about the outcome of the evaluation procedure by March 1, 2014.

## Tool Exhibition

An exhibition of Petri net tools takes 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 Chair before June 1, 2014. They should include a link to the webpages for the tool (or a short description of the tool). The demonstrators bring their own machines, while the organizers may be requested to give access to the Internet.

## Courses, Workshops and Tutorials

The conference takes place from Wednesday to Friday. The days before the conference also offer a wide range of activities.

The **Petri Nets Course** takes place from Sunday to Tuesday. It offers a thorough introduction to Petri Nets and consists of four parts: Basic Net Classes, Coloured Petri Nets, Timed and Stochastic Petri Nets, and Applications of Petri Nets. If all four parts are followed, 3 ECTS credit points can be awarded to a participant. For further information please contact Jetty Kleijn (e-mail: [kleijn@liacs.nl](mailto:kleijn@liacs.nl)) or Jörg Desel (e-mail: [joerg.desel@fernuni-hagen.de](mailto:joerg.desel@fernuni-hagen.de)).

The **Workshops and Advanced Tutorials** take place on Monday and Tuesday. A detailed description of the workshops and tutorials will be available via the conference web pages. For further information please contact the Workshop and Tutorial Co-chairs.

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 PC-chairs no later than January 10, 2014.



## Organisation

### Program Committee Co-chairs

Gianfranco Ciardo  
Department of Computer Science and Engineering  
University of California at Riverside  
Riverside, CA 92521, USA  
Phone: +1-951-827-2281  
Fax: +1-951-827-4643  
E-mail: [ciardo@cs.ucr.edu](mailto:ciardo@cs.ucr.edu)

Ekkart Kindler  
Technical University of Denmark  
DTU Compute  
DK-2800 Kgs. Lyngby, Denmark  
Phone: +45 4525 3750  
Fax: +45 4525 2673  
E-mail: [ekki@dtu.dk](mailto:ekki@dtu.dk)

### Program Committee

H. Alla, France  
K. Barkaoui, France  
M. Beccuti, Italy  
L. Bernardinello, Italy  
D. Buchs, Switzerland  
G. Ciardo, USA (co-chair)  
P. Chrzastowski-Wachtel, Poland  
J.M. Colom, Spain  
J. Desel, Germany  
R. Devillers, Belgium  
M.P. Fanti, Italy

J.M. Fernandes, Portugal  
H. Hansen, Singapore  
M. Heiner, Germany  
J. P. Katoen, Germany  
E. Kindler, Denmark (co-chair)  
V. Khomenko, UK  
H. Kludel, France  
J. Kleijn, The Netherlands  
R. Lazic, UK  
N. Lohmann, Germany  
I. Lomazova, Russia

A. Miner, USA  
M. Madhavan, India  
A. Polyvyanyy, Australia  
W. Reisig, Germany  
R. Robbana, Tunisia  
S. Schwoon, France  
C. Seatzu, Italy  
A. Valmari, Finland  
M. Westergaard, The Netherlands

### Workshop and Tutorial Co-chairs

Jörg Desel  
Faculty of Mathematics and Informatics  
FernUniversität in Hagen  
58084 Hagen, Germany  
Phone: +49 2331 9872609  
Fax: +49 2331 987317  
E-mail: [joerg.desel@fernuni-hagen.de](mailto:joerg.desel@fernuni-hagen.de)

Serge Haddad  
LSV, CNRS & ENS de Cachan  
61, avenue du Président Wilson  
94235 CACHAN Cedex, France  
Phone: +33 (0)1 47 40 75 24  
Fax: +33 (0)1 47 40 75 21  
E-mail: [haddad@lsv.ens-cachan.fr](mailto:haddad@lsv.ens-cachan.fr)

### Organising Committee Chair

Kamel Barkaoui  
Computer Science Department & Cedric  
Conservatoire National des Arts et Métiers  
292, Rue Saint-Martin  
75141 Paris Cedex 03, France  
Phone: +33 (0)1 40 27 28 52  
Fax: +33 (0)1 40 27 27 69  
E-mail: [petrinets2014@cnam.fr](mailto:petrinets2014@cnam.fr)

### Tools Exhibition Chair

Mohamed Khalgui  
INSAT & LISI  
University of Carthage  
INSAT Centre Urbain Nord  
1080 Tunis Cedex  
Phone: (+216) 71 703 829  
Fax: (+216) 71 704 329  
E-mail: [petrinets2014-tools@cnam.fr](mailto:petrinets2014-tools@cnam.fr)

### Publicity Chair

Kaïs Klai  
LIPN, Institut Gallilée  
Université Paris 13  
99 Avenue Jean-Baptiste Clément  
93430 Villetaneuse  
Phone: +33 (0)1 49 40 44 43  
Fax: +33 (0)1 48 26 07 12  
E-mail: [petrinets2014-publicity@cnam.fr](mailto:petrinets2014-publicity@cnam.fr)

### Steering Committee

W. van der Aalst, The Netherlands  
J. Billington, Australia  
G. Ciardo, USA  
J. Desel, Germany  
S. Donatelli, Italy  
S. Haddad, France  
K. Hiraishi, Japan

J. Kleijn, The Netherlands  
F. Kordon, France  
M. Koutny, UK (chair)  
L.M. Kristensen, Norway  
C. Lin, China  
W. Penczek, Poland  
L. Pomello, Italy

W. Reisig, Germany  
G. Rozenberg, The Netherlands  
M. Silva, Spain  
A. Valmari, Finland  
A. Yakovlev, UK

## 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 100–150 participants - some of them 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 (<http://www.springer.de/comp/lncs/>).

- |                             |                                  |                                     |
|-----------------------------|----------------------------------|-------------------------------------|
| 1. 1980 Strasbourg, France  | 13. 1992 Sheffield, UK           | 24. 2003 Eindhoven, The Netherlands |
| 2. 1981 Bad Honnef, Germany | 14. 1993 Chicago, USA            | 25. 2004 Bologna, Italy             |
| 3. 1982 Varenna, Italy      | 15. 1994 Zaragoza, Spain         | 26. 2005 Miami, USA                 |
| 4. 1983 Toulouse, France    | 16. 1995 Torino, Italy           | 27. 2006 Turku, Finland             |
| 5. 1984 Aarhus, Denmark     | 17. 1996 Osaka, Japan            | 28. 2007 Siedlce, Poland            |
| 6. 1985 Espoo, Finland      | 18. 1997 Toulouse, France        | 29. 2008 Xi'an, China               |
| 7. 1986 Oxford, UK          | 19. 1998 Lisbon, Portugal        | 30. 2009 Paris, France              |
| 8. 1987 Zaragoza, Spain     | 20. 1999 Williamsburg, USA       | 31. 2010 Braga, Portugal            |
| 9. 1988 Venice, Italy       | 21. 2000 Aarhus, Denmark         | 32. 2011 Newcastle upon Tyne, UK    |
| 10. 1989 Bonn, Germany      | 22. 2001 Newcastle upon Tyne, UK | 33. 2012 Hamburg, Germany           |
| 11. 1990 Paris, France      | 23. 2002 Adelaide, Australia     | 34. 2013 Milano, Italy              |
| 12. 1991 Aarhus, Denmark    |                                  |                                     |

## Other Major Activities of the Petri Net Community

### Petri Net Newsletter

The newsletter is published twice a year by the Special Interest Group on Petri Nets and Related System Models of the Gesellschaft für Informatik. It contains refereed articles, surveys and state-of-the-art reports. Also, it contains work-in-progress papers, all kinds of announcements, programs and reports on meetings and activities, information on theses and new books, and abstracts of recent publications.

The executive editor is Robert Lorenz (e-mail: [robert.lorenz@informatik.uni-augsburg.de](mailto:robert.lorenz@informatik.uni-augsburg.de)). Further information as well as subscriptions forms can be obtained from the Petri Net Newsletter website:

<http://www.informatik.uni-augsburg.de/pnnl/>

### Transactions on Petri Nets and Other Models of Concurrency (ToPNoC)

ToPNoC (<http://www.springer.com/lncs/topnoc>) is published by Springer-Verlag as a journal subline in Lecture Notes in Computer Science (LNCS). ToPNoC contains: revised versions of some of the best papers from workshops and tutorials at the annual Petri net conferences, special sections/issues within particular subareas, and papers submitted directly to ToPNoC.

For more information about ToPNoC please contact the editor-in-chief: Maciej Koutny (e-mail: [maciej.koutny@ncl.ac.uk](mailto:maciej.koutny@ncl.ac.uk)).

### Advanced Courses on Petri Nets

These courses are organised periodically in order to present the progress in Petri net research and applications. The 5th Advanced Course took place in Rostock, Germany, September 13–24, 2010. Previously there have been Advanced Courses in Hamburg 1979, Bad Honnef 1986, Dagstuhl 1996 and Eichstätt 2003. The material from the last course has been published by Springer-Verlag as a special volume of ToPNoC:

<http://www.springer.com/computer/swe/book/978-3-642-38142-3>

### Petri Net WWW and Petri Net Mailing

These electronic services are used to disseminate announcements, questions, bibliographies, tool information, addresses, and all other kinds of Petri net related information. The services are maintained by the TGI group at University of Hamburg, Germany. More information can be obtained at the following addresses:

- E-mail: [petriadm@informatik.uni-hamburg.de](mailto:petriadm@informatik.uni-hamburg.de)
- Web: <http://www.informatik.uni-hamburg.de/TGI/PetriNets/>