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Heiko Rölke

Proceedings of the
International Workshop on

Petri
Nets and
Software
Engineering
PNSE'13

University of Hamburg
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Preface

These are the proceedings of the International Workshop on *Petri Nets and Software Engineering* (PNSE'13) in Milano, Italy, June 24–25, 2013. It is a co-located event of *Petri Nets 2013*, the 34th international conference on Applications and Theory of Petri Nets and Concurrency.

More information about the workshop can be found at

<http://www.informatik.uni-hamburg.de/TGI/events/pnse13/>

For the successful realisation of complex systems of interacting and reactive software and hardware components the use of a precise language at different stages of the development process is of crucial importance. Petri nets are becoming increasingly popular in this area, as they provide a uniform language supporting the tasks of modelling, validation, and verification. Their popularity is due to the fact that Petri nets capture fundamental aspects of causality, concurrency and choice in a natural and mathematically precise way without compromising readability.

The use of Petri Nets (P/T-Nets, Coloured Petri Nets and extensions) in the formal process of software engineering, covering modelling, validation, and verification, will be presented as well as their application and tools supporting the disciplines mentioned above.

The program committee consists of:

Wil van der Aalst (The Netherlands)
Kamel Barkaoui (France)
Didier Buchs (Switzerland)
Lawrence Cabac (Germany)
Piotr Chrzastowski-Wachtel (Poland)
Gianfranco Ciardo (USA)
José-Manuel Colom (Spain)
Jörg Desel (Germany)
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Michael Köhler-Bußmeier (Germany)
Johan Lilius (Finland)
Robert Lorenz (Germany)
Daniel Moldt (Germany) (Chair)
Chun Ouyang (Australia)
Wojciech Penczek (Poland)
Laure Petrucci (France)
Lucia Pomello (Italy)
Heiko Rölke (Germany) (Chair)
Catherine Tessier (France)
H.M.W. (Eric) Verbeek (Netherlands)
Karsten Wolf (Germany)

There is one invited talk by Andrea Omicini and Stefano Mariani from ALMA MATER STUDIORUM–Università di Bologna, Italy. We received 25 high-quality contributions. For each paper three to four reviews were made. The program committee has accepted six of them for full presentation. Furthermore the committee accepted six papers as short presentations and two short papers. Two more contributions were accepted as posters.

The international program committee was supported by the valued work of Edmundo López Bóbeda, Görkem Kılınc, Reng Zeng, Benoît Barbot, Alexis Marechal and Artur Meski as additional reviewers. Their work is highly appreciated.

Furthermore, we would like to thank our colleagues in the local organization team at the University of Milano Bicocca, Italy, for their support.

Without the enormous efforts of authors, reviewers, PC members and the organizational team this workshop wouldn't provide such an interesting booklet.

Thank you,
Daniel Moldt and Heiko Rölke

Hamburg, June 2013

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