

1. Record Nr.	UNISA996211261603316
Titolo	Transactions on Petri Nets and Other Models of Concurrency IX [[electronic resource] /] / edited by Maciej Koutny, Serge Haddad, Alex Yakovlev
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-662-45730-X
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XIII, 179 p. 84 illus.)
Collana	Transactions on Petri Nets and Other Models of Concurrency, , 1867-7193 ; ; 8910
Disciplina	511.3
Soggetti	Software engineering Computer logic Software Engineering Logics and Meanings of Programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Decidability of k-Soundness for Workflow Nets with an Unbounded Resource -- Modeling Distributed Private Key Generation by Composing Petri Nets -- Software Engineering with Petri Nets: A Web Service and Agent Perspective -- Modeling Organizational Structures and Agent Knowledge for Mulan Applications -- A Canonical Contraction for Safe Petri Nets -- Symbolic Termination and Confluence Checking for ECA Rules -- Tissue Systems and Petri Net Synthesis -- A Coloured Petri Net Approach to the Functional and Performance Analysis of SIP Non-INVITE Transaction.
Sommario/riassunto	These Transactions publish archival papers in the broad area of Petri nets and other models of concurrency, ranging from theoretical work to tool support and industrial applications. ToPNoC issues are published as LNCS volumes, and hence are widely distributed and indexed. This Journal has its own Editorial Board which selects papers based on a rigorous two-stage refereeing process. ToPNoC contains: - Revised versions of a selection of the best papers from workshops and tutorials at the annual Petri net conferences - Special sections/issues within particular subareas (similar to those published in the Advances in Petri

Nets series) - Other papers invited for publication in ToPNoC - Papers submitted directly to ToPNoC by their authors The 9th volume of ToPNoC contains revised and extended versions of a selection of the best workshop papers presented at the 34th International Conference on Application and Theory of Petri Nets and Concurrency (Petri Nets 2013) and the 13th International Conference on Application of Concurrency to System Design (ACSD 2013). It also contains one paper submitted directly to ToPNoC. The 8 papers cover a diverse range of topics including model checking and system verification, refinement and synthesis, foundational work on specific classes of Petri nets, and innovative applications of Petri nets and other models of concurrency. Application areas covered in this volume are: biological systems, communication protocols, business processes, distributed systems, and multi-agent systems. Thus, this volume gives a good view of ongoing concurrent systems and Petri nets research.
