

Table of Contents

Convexity, Duality and Effects (Invited Talk)	1
<i>Bart Jacobs</i>	
A Calculus for Power-Aware Multicast Communications in Ad Hoc Networks (Invited Talk)	20
<i>Lucia Gallina and Sabina Rossi</i>	
The Coarsest Precongruences Respecting Safety and Liveness Properties (Invited Talk)	32
<i>Robert Jan van Glabbeek</i>	
Entropy and Attack Models in Information Flow (Invited Talk)	53
<i>Mário S. Alvim, Miguel E. Andrés, and Catuscia Palamidessi</i>	
Safe Equivalences for Security Properties	55
<i>Mário S. Alvim, Miguel E. Andrés, Catuscia Palamidessi, and Peter van Rossum</i>	
On Probabilistic Alternating Simulations	71
<i>Chenyi Zhang and Jun Pang</i>	
Probabilistic Mobility Models for Mobile and Wireless Networks	86
<i>Lei Song and Jens Chr. Godskesen</i>	
On Packing Splittable Items with Cardinality Constraints	101
<i>Fouad B. Chedid</i>	
Deterministic Computations in Time-Varying Graphs: Broadcasting under Unstructured Mobility	111
<i>Arnaud Casteigts, Paola Flocchini, Bernard Mans, and Nicola Santoro</i>	
Slicing Behavior Tree Models for Verification	125
<i>Nisansala Yatapanage, Kirsten Winter, and Saad Zafar</i>	
Optimization of the Anisotropic Gaussian Kernel for Text Segmentation and Parameter Extraction	140
<i>Darko Brodić</i>	
Online Dictionary Matching for Streams of XML Documents	153
<i>Panu Silvesti, Seppo Sippu, and Eljas Soisalon-Soininen</i>	
The Duality of Computation under Focus	165
<i>Pierre-Louis Curien and Guillaume Munch-Maccagnoni</i>	

Polarized Resolution Modulo	182
<i>Gilles Dowek</i>	
A Logic on Subobjects and Recognizability	197
<i>H.J. Sander Bruggink and Barbara Krönig</i>	
Terminating Tableaux for SOQ with Number Restrictions on Transitive Roles	213
<i>Mark Kaminski and Gert Smolka</i>	
Proof System for Applied Pi Calculus	229
<i>Jia Liu and Huimin Lin</i>	
Concurrent Pattern Calculus	244
<i>Thomas Given-Wilson, Daniele Gorla, and Barry Jay</i>	
Initial Segment Complexities of Randomness Notions	259
<i>Rupert Hölzl, Thorsten Kräling, Frank Stephan, and Guohua Wu</i>	
Topologies Refining the Cantor Topology on X^ω	271
<i>Sibylle Schwarz and Ludwig Staiger</i>	
On Symbolic Representations of Maximum Matchings and (Un)directed Graphs	286
<i>Beate Bollig</i>	
Traceable Sets	301
<i>Rupert Hölzl and Wolfgang Merkle</i>	
Approximating the Non-contiguous Multiple Organization Packing Problem	316
<i>Marin Bougeret, Pierre François Dutot, Klaus Jansen, Christina Otte, and Denis Trystram</i>	
Improving the Competitive Ratios of the Seat Reservation Problem	328
<i>Shuichi Miyazaki and Kazuya Okamoto</i>	
A Semiring-Based Trace Semantics for Processes with Applications to Information Leakage Analysis	340
<i>Michele Boreale, David Clark, and Daniele Gorla</i>	
A Game-Theoretic Approach to Routing under Adversarial Conditions	355
<i>James Gross, Frank G. Radmacher, and Wolfgang Thomas</i>	
An Operational Model for Multiprocessors with Caches	371
<i>Salil Joshi and Sanjiva Prasad</i>	
Author Index	387