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Descrizione fisica	1 online resource (XIII, 524 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5201
Disciplina	004
Soggetti	Computer programming Computer networks Computer science Programming Techniques Computer Communication Networks Theory of Computation Computer Science Logic and Foundations of Programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Beyond Nash Equilibrium: Solution Concepts for the 21st Century -- Service Choreography and Orchestration with Conversations -- Knowledge and Information in Probabilistic Systems -- Taming Concurrency: A Program Verification Perspective -- Contributed Papers -- A Model of Dynamic Separation for Transactional Memory -- Completeness and Nondeterminism in Model Checking Transactional Memories -- Semantics of Deterministic Shared-Memory Systems -- A Scalable and Oblivious Atomicity Assertion -- R-Automata -- Distributed Timed Automata with Independently Evolving Clocks -- A Context-Free Process as a Pushdown Automaton -- Modeling Computational Security in Long-Lived Systems -- Contract-Directed Synthesis of Simple Orchestrators -- Environment Assumptions for Synthesis -- Smyle: A Tool for Synthesizing Distributed Models from Scenarios by Learning -- SYCRAFT: A Tool for Synthesizing Distributed Fault-Tolerant Programs -- Subsequence

Invariants -- Invariants for Parameterised Boolean Equation Systems --
Unfolding-Based Diagnosis of Systems with an Evolving Topology --
On the Construction of Sorted Reactive Systems -- Dynamic Partial
Order Reduction Using Probe Sets -- A Space-Efficient Probabilistic
Simulation Algorithm -- Least Upper Bounds for Probability Measures
and Their Applications to Abstractions -- Abstraction for Stochastic
Systems by Erlang's Method of Stages -- On the Minimisation of Acyclic
Models -- Quasi-Static Scheduling of Communicating Tasks -- Strategy
Construction for Parity Games with Imperfect Information -- Mixing
Lossy and Perfect Fifo Channels -- On the Reachability Analysis of
Acyclic Networks of Pushdown Systems -- Spatial and Behavioral Types
in the Pi-Calculus -- A Spatial Equational Logic for the Applied λ -
Calculus -- Structured Interactional Exceptions in Session Types --
Global Progress in Dynamically Interleaved Multiparty Sessions --
Normed BPA vs. Normed BPP Revisited -- A Rule Format for
Associativity -- Deriving Structural Labelled Transitions for Mobile
Ambients -- Termination Problems in Chemical Kinetics -- Towards a
Unified Approach to Encodability and Separation Results for Process
Calculi -- A Notion of Glue Expressiveness for Component-Based
Systems.

Sommario/riassunto

This book constitutes the refereed proceedings of the 19th
International Conference on Concurrency Theory, CONCUR 2008, held
in Toronto, Canada, August 19-22, 2008. The 33 revised full papers
presented together with 2 tool papers were carefully reviewed and
selected from 120 submissions. The topics include model checking,
process calculi, minimization and equivalence checking, types,
semantics, probability, bisimulation and simulation, real time, and
formal languages.
