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	Nota di contenuto	Invited Papers -- Component-Based Construction of Heterogeneous Real-Time Systems in Bip -- Unifying Petri Net Semantics with Token Flows -- Reaction Systems: A Formal Framework for Processes -- Full Papers -- Simple Composition of Nets -- Towards a Standard for Modular Petri Nets: A Formalisation -- Decidability Results for Restricted Models of Petri Nets with Name Creation and Replication -- Pomset Languages of Finite Step Transition Systems -- Deficiency Zero Petri Nets and Product Form -- Bisimilarity Minimization in O(m logn) Time -- P-Semiflow Computation with Decision Diagrams -- Orthomodular Lattices in Occurrence Nets -- Hasse Diagram Generators and Petri Nets -- Modeling and Analysis of Transportation

Networks Using Batches Petri Nets with Controllable Batch Speed -- Oclets – Scenario-Based Modeling with Petri Nets -- Hornets: Nets within Nets Combined with Net Algebra -- Monotonicity in Service Orchestrations -- Compositional Service Trees -- Tool Papers -- ASAP: An Extensible Platform for State Space Analysis -- The Access/CPN Framework: A Tool for Interacting with the CPN Tools Simulator -- DSSZ-MC – A Tool for Symbolic Analysis of Extended Petri Nets -- Workcraft – A Framework for Interpreted Graph Models -- PDETool: A Multi-formalism Modeling Tool for Discrete-Event Systems Based on SDES Description.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 30th International Conference on Applications and Theory of Petri Nets and Other Models of Concurrency, PETRI NETS 2009, held in Paris, France, in June 2009. The 19 revised papers classified as theory papers (13), application papers (1), and tool papers (5) were carefully reviewed and selected from 46 submissions. All current issues on research and development in the area of Petri nets and related models of concurrent systems are addressed, novel tools as well as substantial enhancements to existing tools are presented. |