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Nota di contenuto	Invited Talks -- Validation of Synchronous Reactive Systems: From Formal Verification to Automatic Testing -- Emerging Application Domains and the Computing Fabric -- Regular Papers -- The Game of the Name in Cryptographic Tables -- A Parallel Approximation Algorithm for the Max Cut Problem on Cubic Graphs -- Rapid Prototyping Techniques for Fuzzy Controllers -- Transactional Cache Management with A periodic Invalidation Scheme in Mobile Environments -- Observable Sharing for Functional Circuit Description -- Relating May and Must Testing Semantics for Discrete Timed Process Algebras -- A Framework for Formal Reasoning about Open Distributed Systems -- Structural Sharing and Efficient Proof-Search in Propositional Intuitionistic Logic -- Verifying Probabilistic Programs Using a Hoare like Logic -- An Expressive Extension of TLC -- Completeness and Decidability of a Fragment of Duration Calculus with Iteration -- Logical Relations in Circuit Verification -- Lemma Generalization and Non-unit Lemma Matching for Model Elimination -- On Automating Inductive and Non-inductive Termination Methods -- Asynchronous Links in the PBC and M-Nets -- Demand-Driven Model Checking for Context-Free Processes -- Programming the Mobility Behaviour of Agents by Composing Itineraries -- Faster Model

Checking for Open Systems -- An Argumentation Approach to Semantics of Declarative Programs with Defeasible Inheritance -- Entailment of Non-structural Subtype Constraints -- A CPS-Transform of Constructive Classical Logic -- Formal Verification of the MCS List-Based Queuing Lock -- BDD-Nodes Can Be More Expressive -- Formal Verification of Descriptions with Distinct Order of Memory Operations -- Beyond Tamaki-Sato Style Unfold/Fold Transformations for Normal Logic Programs -- On L k (Q) Types and Boundedness of IFP(Q) on Finite Structures -- Separators Are as Simple as Cutsets -- Ant Colony Optimization for the Ship Berthing Problem -- Poster Session Abstracts -- Security Modeling and Evaluation for the Mobile Code Paradigm -- CASA - Structured Design of a Specification Language for Intelligent Agents -- An Efficient Location Management by Optimal Location Area Partitioning in PCS Networks -- Programming with Explicit Regions -- A Verification Technique Based on Syntactic Action Refinement in a TCSP-like Process Algebra and the Hennessy-Milner-Logic -- Formal Verification of Secret Sharing Protocol Using Coq -- On Feasibility, Boundedness and Redundancy of Systems of Linear Constraints over R 2-Plane -- Deduction in Logic of Association Rules -- Asynchronous Migration in Parallel Genetic Programming -- Verification Results for a Multimedia Protocol -- Multipoint-to-Point ABR Service with Fair Intelligent Congestion Control in ATM Networks.