Record Nr. UNISA996465327403316 Foundations of Software Science and Computational Structures **Titolo** [[electronic resource]]: 13th International Conference, FOSSACS 2010. Held as Part of the Joint European Conferences on Theory and Practice of Software, ETAPS 2010, Paphos, Cyprus, March 20-28, 2010, Proceedings / / edited by Luke Ong Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa , 2010 **ISBN** 1-280-38588-X 9786613563804 3-642-12032-6 Edizione [1st ed. 2010.] Descrizione fisica 1 online resource (XV, 389 p. 47 illus.) Collana Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6014 Disciplina 005.131 Soggetti Machine theory Compilers (Computer programs) Software engineering Computer science Formal Languages and Automata Theory Compilers and Interpreters Software Engineering Theory of Computation Computer Science Logic and Foundations of Programming Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references and index. Nota di contenuto FoSSaCS 2010 Invited Talk -- to Decidability of Higher-Order Matching -- Semantics of Programming Languages -- A Semantic Foundation for Hidden State -- Linearly-Used Continuations in the Enriched Effect Calculus -- Block Structure vs. Scope Extrusion: Between Innocence and Omniscience -- Completeness for Algebraic Theories of Local State --Probabilistic and Randomised Computation -- Fair Adversaries and

Randomization in Two-Player Games -- Retaining the Probabilities in Probabilistic Testing Theory -- Concurrency and Process Theory -- Forward Analysis of Depth-Bounded Processes -- Incremental Pattern-

Based Coinduction for Process Algebra and Its Isabelle Formalization --Parameterised Multiparty Session Types -- On the Relationship between Spatial Logics and Behavioral Simulations -- Modal and Temporal Logics -- An Easy Completeness Proof for the Modal ?-Calculus on Finite Trees -- When Model-Checking Freeze LTL over Counter Machines Becomes Decidable -- Model Checking Is Static Analysis of Modal Logic -- Counting CTL -- Algorithmic Metatheorems for Decidable LTL Model Checking over Infinite Systems -- Verification --Toward a Compositional Theory of Leftist Grammars and Transformations -- Degrees of Lookahead in Regular Infinite Games --Reachability Analysis of Communicating Pushdown Systems -- The Complexity of Synchronous Notions of Information Flow Security --Categorical and Coalgebraic Methods -- Monads Need Not Be Endofunctors -- CIA Structures and the Semantics of Recursion --Coalgebraic Correspondence Theory -- Lambda Calculus and Types --Untyped Recursion Schemes and Infinite Intersection Types --Solvability in Resource Lambda-Calculus -- A Hierarchy for Delimited Continuations in Call-by-Name.