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| Nota di contenuto | FLoC Plenary Talk -- Formal Verification of Infinite State Systems Using Boolean Methods -- Session 1. Constraints and Optimization -- Solving Partial Order Constraints for LPO Termination -- Computationally Equivalent Elimination of Conditions -- On the Correctness of Bubbling -- Propositional Tree Automata -- Session 2. Equational Reasoning -- Generalizing Newman's Lemma for Left-Linear Rewrite Systems -- Unions of Equational Monadic Theories -- Modular Church-Rosser Modulo -- Session 3. System Verification -- Hierarchical Combination of Intruder Theories -- Feasible Trace Reconstruction for Rewriting Approximations -- Invited Talk -- Rewriting Models of Boolean Programs -- Session 4. Lambda Calculus -- Syntactic Descriptions: A Type System for Solving Matching Equations in the Linear ?-Calculus -- A Terminating and Confluent Linear Lambda Calculus -- A Lambda-Calculus with Constructors -- Structural Proof Theory as Rewriting -- Session 5. Theorem Proving -- Checking Conservativity of Overloaded Definitions in Higher-Order Logic -- Certified Higher-Order Recursive Path Ordering -- Dealing with Non-orientable Equations in Rewriting Induction -- Session 6. System Descriptions -- TPA: Termination Proved Automatically -- RAPT: A Program Transformation System Based on Term Rewriting -- The CL-Atse Protocol Analyser -- Slothrop: |

Knuth-Bendix Completion with a Modern Termination Checker -- Invited Talk -- Automated Termination Analysis for Haskell: From Term Rewriting to Programming Languages -- Session 7. Termination -- Predictive Labeling -- Termination of String Rewriting with Matrix Interpretations -- Decidability of Termination for Semi-constructor TRSs, Left-Linear Shallow TRSs and Related Systems -- Proving Positive Almost Sure Termination Under Strategies -- Session 8. Higher-Order Rewriting and Unification -- A Proof of Finite Family Developments for Higher-Order Rewriting Using a Prefix Property -- Higher-Order Orderings for Normal Rewriting -- Bounded Second-Order Unification Is NP-Complete.