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Collana	Lecture Notes in Computer Science ; ; 1632
Disciplina	004.015113
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Session 1 -- A Dynamic Programming Approach to Categorical Deduction -- Tractable Transformations from Modal Provability Logics into First-Order Logic -- Session 2 -- Decision Procedures for Guarded Logics -- A PSpace Algorithm for Graded Modal Logic -- Session 3 -- Solvability of Context Equations with Two Context Variables Is Decidable -- Complexity of the Higher Order Matching -- Solving Equational Problems Efficiently -- Session 4 -- VSDITLU: A Verifiable Symbolic Definite Integral Table Look-Up -- A Framework for the Flexible Integration of a Class of Decision Procedures into Theorem Provers -- Presenting Proofs in a Human-Oriented Way -- Session 5 -- On the Universal Theory of Varieties of Distributive Lattices with Operators: Some Decidability and Complexity Results -- Maslov's Class K Revisited -- Prefixed Resolution: A Resolution Method for Modal and Description Logics -- Session 6: System Descriptions -- System Description: Twelf — A Meta-Logical Framework for Deductive Systems -- System Description: inka 5.0 - A Logic Voyager -- System Description: CutRes 0.1: Cut Elimination by Resolution -- System Description: MathWeb, an Agent-Based Communication Layer for Distributed Automated Theorem Proving -- System Description Using OBDD's for the Validation of Skolem Verification Conditions -- Fault-Tolerant Distributed Theorem Proving -- System Description:

Waldmeister — Improvements in Performance and Ease of Use --
Session 7 -- Formal Metatheory Using Implicit Syntax, and an
Application to Data Abstraction for Asynchronous Systems -- A
Formalization of Static Analyses in System F -- On Explicit Reflection in
Theorem Proving and Formal Verification -- Session 8: System
Descriptions -- System Description: Kimba, A Model Generator for
Many-Valued First-Order Logics -- System Description: Teyjus—A
Compiler and Abstract Machine Based Implementation of ?Prolog --
Vampire -- System Abstract: E 0.3 -- Session 9 -- Invited Talk:
Rewrite-Based Deduction and Symbolic Constraints -- Towards an
Automatic Analysis of Security Protocols in First-Order Logic -- Session
10 -- A Confluent Connection Calculus -- Abstraction-Based Relevancy
Testing for Model Elimination -- A Breadth-First Strategy for Mating
Search -- Session 11: System Competitions -- The Design of the
CADE-16 Inductive Theorem Prover Contest -- Session 12: System
Descriptions -- System Description: Spass Version 1.0.0 -- K : A
Theorem Prover for K -- System Description: CYNTHIA -- System
Description: MCS: Model-Based Conjecture Searching -- Session 13 --
Embedding Programming Languages in Theorem Provers -- Extensional
Higher-Order Paramodulation and RUE-Resolution -- Automatic
Generation of Proof Search Strategies for Second-Order Logic.
