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Collana	Programming and Software Engineering, , 2945-9168 ; ; 4989
Disciplina	005.115
Soggetti	Compilers (Computer programs) Computer programming Computer science Machine theory Artificial intelligence Compilers and Interpreters Programming Techniques Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Invited Papers -- Model-Based Knowledge Representation and Reasoning Via Answer Set Programming -- On the Algebraic Foundation of Proof Assistants for Intuitionistic Type Theory -- Substructural Type Systems for Program Analysis -- Refereed Papers -- Integrating Answer Set Reasoning with Constraint Solving Techniques -- Optimizing Compilation of CHR with Rule Priorities -- Constructive Arithmetic -- Certified Exact Real Arithmetic Using Co-induction in Arbitrary Integer Base -- Pure, Declarative, and Constructive Arithmetic Relations (Declarative Pearl) -- Dependent Types -- On-Demand Refinement of Dependent Types -- Proving Properties about Lists Using Containers -- Rewriting -- Termination of Narrowing in Left-Linear Constructor Systems -- Complexity Analysis by Rewriting -- Rewriting

and Call-Time Choice: The HO Case -- Program Transformation --
Semantics and Pragmatics of New Shortcut Fusion Rules -- A
Generalization of the Folding Rule for the Clark-Kunen Semantics --
Logic and Lambda-Calculus -- Types for Hereditary Head Normalizing
Terms -- A New Translation for Semi-classical Theories — Backtracking
without CPS -- Types -- Undoing Dynamic Typing (Declarative Pearl) --
Typed Dynamic Control Operators for Delimited Continuations --
Strictness Analysis Algorithms Based on an Inequality System for Lazy
Types -- Constraints II -- Quantitative Logic Programming Revisited --
Formalizing a Constraint Deductive Database Language Based on
Hereditary Harrop Formulas with Negation -- Debugging -- Declarative
Diagnosis of Missing Answers in Constraint Functional-Logic
Programming -- EasyCheck — Test Data for Free.

Sommario/riassunto

This book constitutes the refereed proceedings of the 9th International Symposium on Functional and Logic Programming, FLOPS 2008. The 20 revised full papers, together with 3 invited contributions were carefully reviewed and selected from 59 submissions.
