

1. Record Nr.	UNINA9910483554103321
Titolo	Logic, Language, Information, and Computation : 20th International Workshop, WoLLIC 2013, Darmstadt, Germany, August 20-23, 2013, Proceedings // edited by Leonid Libkin, Ulrich Kohlenbach, Ruy de Queiroz
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-39992-4
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (X, 283 p. 15 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8071
Classificazione	004 DAT 540f DAT 710f SS 4800
Disciplina	005.101/5113
Soggetti	Machine theory Artificial intelligence Computer science—Mathematics Computer science Formal Languages and Automata Theory Artificial Intelligence Symbolic and Algebraic Manipulation Computer Science
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	Logic and Agent Programming Languages -- Natural Models of Homotopy Type Theory (Abstract) -- Modelling Infinite Structures with Atoms -- Counting in SPARQL Property Paths: Perspectives from Theory and Practice -- Quantitative Approaches to Information Protection -- Perspectives of Dynamic Complexity -- Linear Time Proof Verification on N-Graphs: A Graph Theoretic Approach -- First Order Extensions of Residue Classes and Uniform Circuit Complexity -- Quantum Probabilistic Dyadic Second-Order Logic -- Structural Extensions of Display Calculi: A General Recipe -- The Same, Similar, or Just Completely Different? Equivalence for Argumentation in Light of Logic

-- Boolean Dependence Logic and Partially-Ordered Connectives --  
Extended Modal Dependence Logic EMDL -- Dependence Logic with  
Generalized Quantifiers: Axiomatizations -- Continuous Truth II:  
Reflections -- A Simple Separation Logic -- Independence in Database  
Relations -- Substructural Logic of Proofs -- Full Lambek  
Hyperdoctrine: Categorical Semantics for First-Order Substructural  
Logics -- A Finite Model Property for Gödel Modal Logics -- Model  
Checking for Modal Dependence Logic: An Approach through Post's  
Lattice -- Ockhamist Propositional Dynamic Logic: A Natural Link  
between PDL and CTL -- Information, Awareness and Substructural  
Logics.

---

Sommario/riassunto

Edited in collaboration with FoLLI, the Association of Logic, Language and Information this book constitutes the refereed proceedings of the 20th Workshop on Logic, Language, Information and Communication, WoLLIC 2013, held in Darmstadt, Germany, in August 2013. The 17 contributed papers presented together with 6 invited lectures were carefully reviewed and selected from 30 submissions. The scope of the workshop spans the theoretical and practical aspects of formal logic, computing and programming theory, and natural language and reasoning.

---