

1. Record Nr.	UNINA9910483323403321
Titolo	Practical Aspects of Declarative Languages : 19th International Symposium, PADL 2017, Paris, France, January 16-17, 2017, Proceedings // edited by Yuliya Lierler, Walid Taha
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-51676-0
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (X, 215 p. 31 illus.)
Collana	Programming and Software Engineering ; ; 10137
Disciplina	005.131
Soggetti	Programming languages (Electronic computers) Computer programming Computer logic Software engineering Artificial intelligence Application software Programming Languages, Compilers, Interpreters Programming Techniques Logics and Meanings of Programs Software Engineering Artificial Intelligence Computer Appl. in Administrative Data Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Eliminating Irrelevant Non-determinism in Functional Logic Programs -- Canonicalizing High-Level Constructs in Picat -- An Overview of P_rhoLog -- Integrating Answer Set Programming with Object-oriented Languages -- Extending Answer Set Programs with Interpreted Functions as First-class Citizens -- Lowering the learning curve for declarative programming: a Python API for the IDP system -- Failing Faster: Overlapping Patterns for Property-Based Testing -- Boltzmann Samplers for Closed Simply-Typed Lambda Terms -- Selection Equilibria of Higher-Order Games -- DALI for Cognitive Robotics:

Principles and Prototype Implementation -- Funky Grooves: Declarative Programming of Full-Fledged Musical Applications -- A Domain-Specific Language for Software-Defined Radio -- A Declarative DSL for Customizing ASCII Art -- Using Iterative Deepening for Probabilistic Logic Inference.

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Sommario/riassunto

This book constitutes the proceedings of the 19th International Symposium on Practical Aspects of Declarative Languages, PADL 2017, held in Paris, France, in January 2017 and collocated with the ACM SIGPLAN Symposium on Principles of Programming Languages. The 14 papers presented in this volume were carefully reviewed and selected from 27 submissions. They deal with novel applications and implementation techniques for all forms of declarative languages, including but not limited to logic, constraint, and functional languages.

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