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	Nota di contenuto	Narrowing the narrowing space -- An object calculus with algebraic rewriting -- Inheritance and selective method dispatching in concurrent Haskell -- Overriding operators in a mixin-based framework -- Resolution for logic programming with universal quantifiers -- A declarative approach to concurrent programming -- Transformation of divide & conquer to nested parallel loops -- Transforming lazy functions using comportment properties -- Transformations for efficient evaluations in functional programming -- Inline expansion: When and how? -- Higher-order value flow graphs -- Intuitionistic implication in abstract interpretation -- An open-ended finite domain

constraint solver -- Semantics and compilation of recursive sequential streams in 81/2 -- Implementation of term rewritings with the evaluation strategy -- Reflections on reflections -- Evaluation under lambda abstraction -- Selective recomputation for handling side-effects in parallel logic programs -- Tracing lazy functional computations using redex trails -- Functional programming and geometry -- Where do I begin? A problem solving approach in teaching functional programming -- Teaching functional and logic programming with a single computation model -- Logic implemented functionally -- DrScheme: A pedagogic programming environment for scheme -- An editor for helping novices to learn standard ML -- Introducing the declarative dungeon -- A pragmatic approach to compilation of Erlang -- Formal translations described by translation grammars with LR(k) input grammars -- Automatic run-time code generation in object-oriented languages.

Sommario/riassunto	This volume constitutes the refereed proceedings of the 9th International Symposium on Programming Languages, Implementations, Logics and Programs, PLILP '97, held in Southampton, UK, in September 1997, including a special track on Declarative Programming in Education. The volume presents 25 revised full papers selected from 68 submissions. Also included are one invited paper and three posters. The papers are devoted to exploring the relation between implementation techniques, the logic of the languages, and the use of the languages in construcing real programs. Topics of interest include implementation of declarative concepts, integration of paradigms, program analysis and transformation, programming environments, executable specifications, reasoning about language constructs, etc.