

1. Record Nr.	UNINA9910483377003321
Titolo	Implementation and application of functional languages : 16th International Workshop, IFL 2004, Lubeck, Germany, September 8-10, 2004 : revised selected papers / / Clemens Grelck ... [et al.] (eds.)
Pubbl/distr/stampa	Berlin, : Springer, c2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (X, 230 p.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 3474
Classificazione	54.53
Altri autori (Persone)	GrelckClemens
Disciplina	005.1/14
Soggetti	Functional programming languages
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	Exploiting Single-Assignment Properties to Optimize Message-Passing Programs by Code Transformations -- The Feasibility of Interactively Probing Quiescent Properties of GUI Applications -- A Functional Programming Technique for Forms in Graphical User Interfaces -- A Rational Deconstruction of Landin's SECD Machine -- Explaining ML Type Errors by Data Flows -- V?M: A Virtual Machine for Strict Evaluation of (Co)Recursive Functions -- A Virtual Machine for Functional Logic Computations -- Source-Based Trace Exploration -- Shrinking Reductions in SML.NET -- Dynamic Construction of Generic Functions -- Reasoning About Deterministic Concurrent Functional I/O -- General Homomorphic Overloading -- Simple, Effective Code-Size Reduction for Functional Programs.
Sommario/riassunto	The 16th International Workshop on Implementation and Application of Functional Languages (IFL 2004) was held in Lubeck, Germany, September 8–10, 2004. It was jointly organized by the Institute of Computer Science and Applied Mathematics of the University of Kiel and the Institute of Software Technology and Programming Languages of the University of Lubeck. IFL 2004 was the sixteenth event in the annual series of IFL workshops. The aim of the workshop series is to bring together researchers actively engaged in the implementation and application of functional and function-based programming languages. It provides an open forum for researchers who wish to present and discuss new ideas and concepts, work in progress, preliminary results,

etc., related primarily, but not exclusively, to the implementation and application of functional languages. Topics of interest cover a wide range from theoretical aspects over language design and implementation towards applications and tool support. Previous IFL workshops were held in the United Kingdom (Southampton, Norwich, London, St Andrews, and Edinburgh), in the Netherlands (Nijmegen and Lochem), in Germany (Aachen and Bonn), in Sweden (Bjastad and Stockholm), and in Spain (Madrid). In 2005, the 17th International Workshop on Implementation and Application of Functional Languages will be held in Dublin, Ireland.

---