

Implementation of Functional Languages

12th International Workshop, IFL 2000 Aachen, Germany, September 4-7, 2000.
Selected Papers

This book constitutes the thoroughly refereed post-proceedings of the 12th International Workshop on Implementing Functional Languages, IFL 2000, held in Aachen, Germany in September 2000. The 15 revised full papers presented have gone through a thorough round of post-workshop reviewing and were selected from 33 workshop presentations. Among the topics covered are language concepts, type checking, compilation techniques, abstract interpretation, automatic program generation, abstract machine architectures, array processing, concurrent and parallel processing, heap management, runtime profiling, performance measurement, debugging and tracing, and tools and programming techniques.

The International Workshops on Implementation of Functional Languages (IFL) are a tradition that has lasted for over a decade. The aim of these workshops is to bring together researchers to discuss new results and new directions of research related primarily but not exclusively to the implementation of functional or functional-based languages. A not necessarily exhaustive list of topics includes: language concepts, type checking, compilation techniques, (abstract) interpretation, automatic program generation, (abstract) machine architectures, array processing, concurrent/parallel programming and program execution, heap management, runtime profiling and performance measurements, debugging and tracing, tools and programming techniques. IFL 2000 was held at Schloß Rahe, an 18th century castle in Aachen, Germany, during the first week of September 2000. It attracted 49 researchers from the international functional language community, presenting 33 contributions during the four days of the workshop. The contributions covered all topics mentioned above. In addition, a special session organised by Thomas Arts from the Ericsson Computer Science Laboratory in Stockholm, Sweden, attracted several practitioners from industry who reported on their experiences using the functional language Erlang. The Erlang session was sponsored by Ericsson Computer Science Laboratory. This year, the workshop was sponsored by local industry (Ericsson Eurolab Deutschland GmbH and debis Systemhaus Aachen), which indicates the growing importance of functional language concepts in commercial spheres. We thank our sponsors for their generous contributions.



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540419198
Medium: Buch
ISBN: 978-3-540-41919-8
Verlag: Springer
Erscheinungstermin: 18.04.2001
Sprache(n): Englisch
Auflage: 2001
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 429 g
Seiten: 272
Format (B x H): 155 x 235 mm

