

Call for Papers

20th International Workshop on Functional and (Constraint) Logic Programming WFLP 2011

Odense, Denmark

July 19, 2011

Co-located with PPDP 2011, LOPSTR 2011, AAIP 2011

Conference Overview

The 20th International Workshop on Functional and (Constraint) Logic Programming will take place in July 2011 in Odense, Denmark.

The Workshop on Functional and (Constraint) Logic Programming aims at bringing together researchers interested in functional programming, (constraint) logic programming, as well as the integration of the two paradigms. It promotes the cross-fertilizing exchange of ideas and experiences among researchers and students from the different communities interested in the foundations, applications and combinations of high-level, declarative programming languages and related areas.

WFLP 2011 solicits papers in all areas of functional and (constraint) logic programming, including but not limited to:

- Foundations: formal semantics, rewriting and narrowing, non-monotonic reasoning, dynamics, type theory
- Language Design: modules and type systems, multi-paradigm languages, concurrency and distribution
- Implementation: abstract machines, parallelism, compile-time and run-time optimizations, interfacing with external
- Transformation and Analysis: abstract interpretation, specialization, partial evaluation, program transformation, meta-programming
- Software Engineering: design patterns, specification, verification and validation, debugging, test generation
- Integration of Paradigms: integration of declarative programming with other paradigms such as imperative, object-oriented, concurrent, and real-time programming
- Applications: declarative programming in education and industry, domain-specific languages, visual/graphical user interfaces, embedded systems, WWW applications, knowledge representation and machine learning, deductive databases, advanced programming environments and tools

The previous WFLP editions were: WFLP 2010 (Madrid, Spain), WFLP 2009 (Brasilia, Brazil), WFLP 2008 (Siena, Italy), WFLP 2007 (Paris, France), WFLP 2006 (Madrid, Spain), WCFLP 2005 (Tallinn, Estonia), WFLP 2004 (Aachen, Germany), WFLP 2003 (Valencia, Spain), WFLP 2002 (Grado, Italy), WFLP 2001 (Kiel, Germany), WFLP 2000 (Benicassim, Spain), WFLP'99 (Grenoble, France), WFLP'98 (Bad Honnef, Germany), WFLP'97 (Schwarzenberg, Germany), WFLP'96 (Marburg, Germany), WFLP'95 (Schwarzenberg,

Germany), WFLP'94 (Schwarzenberg, Germany), WFLP'93 (Rattenberg, Germany), and WFLP'92 (Karlsruhe, Germany).

This year the workshop will be colocated with the 13th International Symposium on Principles and Practice of Declarative Programming (PPDP 2011), the 22st International Symposium on Logic-Based Program Synthesis and Transformation (LOPSTR 2011), and the International Workshop on Approaches and Applications of Inductive Programming (AAIP 2011).

WFLP 2011 will be held at the University of Southern Denmark.

Proceedings

The proceedings will be published in the LNCS series of Springer-Verlag.

Important Dates

Submission of abstract:	April 20, 2011 (extended)
Paper submission:	April 21, 2011 (extended)
Notification:	May 1, 2011
Camera-ready:	May 10, 2011
Workshop:	July 19, 2011

Submission Guidelines

Papers must describe original work, be written and presented in English, and must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal, conference, or workshop with refereed proceedings. Work that already appeared in unpublished or informally published workshop proceedings may be submitted (please contact the PC chair in case of questions).

Authors should submit an electronic copy of the full paper in PDF. Papers should be submitted via the submission website for WFLP 2011 at

<http://www.easychair.org/conferences/?conf=wflp2011>

Papers should consist of up to 15 pages under the LNCS formatting guidelines. These guidelines are available at <http://www.springer.com/computer/lncs/> (follow link for LNCS authors) along with formatting templates and style files.

Submitted papers will be judged on the basis of significance, relevance, correctness, originality, and clarity. They should include a clear identification of what has been accomplished and why it is significant.

Program Committee

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