

WLPE'08 – CALL FOR PAPERS

The 18th Workshop on Logic-based methods in Programming Environments

www.clip.dia.fi.upm.es/Conferences/WLPE08/

December 9th-13th 2008, Udine, Italy

(SATELLITE WORKSHOP OF ICLP 2008)

The 18th Workshop on Logic-based methods in Programming Environments will take place in Udine (Italy), as a satellite workshop of ICLP 2008, the 24th International Conference on Logic Programming. This workshop will continue the series of successful international workshops on logic programming environments held in Ohio, USA (1989), Eilat, Israel (1990), Paris, France (1991), Washington D.C., USA (1992), Vancouver, Canada (1993), Santa Margherita Ligure, Italy (1994), Portland, USA (1995), Leuven, Belgium (1997), Las Cruces, USA (1999), Paphos, Cyprus (2001), Copenhagen, Denmark (2002), Mumbai, India (2003), Saint Malo, France (2004), Sitges (Barcelona), Spain (2005), Seattle, USA (2006) and Porto, Portugal (2007). More information about the series of WLPE workshops can be found at www.cs.usask.ca/projects/envlop/WLPE/.

The workshop aims at providing an informal meeting for researchers working on logic-based methods and tools which support program development and analysis. This year, we plan to continue and consolidate the shift in focus from *environmental tools for logic programming* to *logic-based environmental tools for programming in general*, so that this workshop can be possibly interesting for a wider scientific community. In addition to papers describing more conceptual and theoretical work, the call for papers will solicit papers describing the implementation of, and the experience with, such tools. Areas particularly relevant to the workshop include (but are not limited to):

- static and dynamic analysis*
- debugging and testing*
- program verification and validation*
- code generation from specifications*
- termination and non-termination analysis*
- reasoning on occurs-check freeness and determinacy*
- profiling and performance analysis*
- type- and mode analysis*
- module systems*
- optimization tools*

Authors who are interested in taking part in the workshop, but are unsure if their work falls within its scope, are invited to contact the organizers and will be given suitable advice.

Important Dates

Submission: September 21st, 2008 (extended)
23:59:59 Samoa time (GMT -11)
Notification: October 8th, 2008
Camera-ready: October 26th, 2008
Workshop: December 12th, 2008 (to be confirmed)

Program Committee

Puri Arenas, *Universidad Complutense de Madrid*
(workshop co-chair)
Michael Codish, *Ben-Gurion University of the Negev*
Roberta Gori, *Università di Pisa*
Arnaud Gotlieb, *IRISA/CNRS UMR 6074*
Patricia Hill, *University of Leeds*
Jacob Howe, *City University, London*
Sabina Rossi, *Università Ca' Foscari di Venezia*
Tom Schrijvers, *K. U. Leuven*
Alexander Serebrenik, *Technische Universiteit Eindhoven*
Wim Vanhoof, *University of Namur*
Germán Vidal, *Universidad Politécnica de Valencia*
Damiano Zanardini, *Universidad Politécnica de Madrid*
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Workshop Organizers

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Submission

Papers should be submitted to

www.easychair.org/conferences/?conf=wlpe2008

The length of papers can range from 2 to 15 pages in LNCS style. Informal proceedings will be distributed at the workshop. After the workshop, proceedings will be available online in the Computing Research Repository (CoRR).

In addition to papers describing conceptual and theoretical work, papers describing the implementation of and the experience with tools are welcome.