

## Call for Papers

# Seventh ACM-SIGPLAN International Symposium on Principles and Practice of Declarative Programming

Lisboa, Portugal, 11-13 July 2005

### Conference Chair

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### Program Committee

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Michael Maher, National ICT, Australia  
Maria Chiara Meo, Univ. G. D'annunzio, Italy  
Gopalan Nadathur, Univ. Minnesota, USA  
Atsushi Ohori, JAIST, Japan  
Carsten Schürmann, Yale Univ., USA  
German Vidál, Technical Univ. Valencia, Spain  
Joe Wells, Heriot-Watt Univ., UK  
Elena Zucca, Univ. Genova, Italy

### Topics (Not exhaustive)

Logic, Constraint, and Functional Programming  
Applications of Declarative Programming  
Methodologies for Program Design and Development  
Declarative Aspects of Object-Oriented Programming  
Concurrent Extensions to Declarative Languages  
Declarative Mobile Computing  
Integration of Paradigms  
Proof Theoretic and Semantic Foundations  
Type and Module Systems  
Program Analysis and Verification  
Program Transformation  
Abstract Machines and Compilation  
Programming Environments

### Important Dates

Submission ..... 13 February 2005  
Notification ..... 1 April 2005  
Final Version ..... 1 May 2005

### Web Sites

PPDP 2005 CFP:  
<http://www.site.uottawa.ca/~afelty/ppdp05/>  
PPDP: <http://pauillac.inria.fr/~fages/PPDP/>

### Previous PPDP Conferences

Paris (1999), Montreal (2000), Firenze (2001), Pittsburgh (2002), Uppsala (2003), Verona (2004).

**Scope of the Conference:** PPDP 2005 aims to provide a forum that brings together those in the declarative programming communities, including those working in the logic, constraint and functional programming paradigms. The goal is to stimulate research in the use of logical formalisms and methods for specifying, performing, and analyzing computations, and to stimulate cross-fertilization by including work from one community that could be of particular interest and relevance to the others.

Topics of more specific interest are enhancements to such formalisms with mechanisms for mobility, modularity, concurrency, object-orientation, and static analysis, as well as the fuller exploitation of the programming-as-proof-search framework through new designs and improved implementation methods. At the level of methodology, the use of logic-based principles in the design of tools for program development, analysis, and verification relative to all declarative paradigms is of interest. Papers related to the use of declarative paradigms and tools in industry and education are especially solicited. This list is not exhaustive: submissions related to new and interesting ideas relating broadly to declarative programming are encouraged. Prospective authors are encouraged to communicate with the Program Chair about the suitability of a specific topic.

**Paper Submissions:** Papers should be submitted electronically by **13 February 2005** via the symposium's web page. Acceptable formats are PostScript or PDF, viewable by gv. Submissions should not exceed 12 pages (including bibliography and appendices) in standard ACM conference format (see URL below).

They must be written in English, must have a cover page with an abstract of up to 200 words, keywords, postal and electronic mailing addresses, and phone and fax numbers of the corresponding author.

**Evaluation of Submissions:** 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.

They must describe original, previously unpublished work that has not been simultaneously submitted for publication elsewhere.

Authors who wish to provide additional material to the reviewers beyond the 12-page limit can do so in clearly marked appendices: reviewers are not required to read such appendices. Submissions that do not meet these guidelines may not be considered.

**Proceedings:** Proceedings will be published by ACM Press.

ACM formatting guidelines are available online, along with formatting templates or style files for LaTeX, Word Perfect, and Word:

<http://www.acm.org/signs/pubs/proceed/template.html>.

Authors of accepted papers will be required to sign the ACM copyright form.

**Related Events:** PPDP 2005 will be co-located with the 32nd International Colloquium on Automata, Languages and Programming (ICALP 2005), which will take place 11-15 July 2005. See <http://icalp05.di.fct.unl.pt> for more information.