

# Call for papers

## 22nd International Symposium on Logic-Based Program Synthesis and Transformation

<http://costa.ls.fi.upm.es/lopstr12/>

18–20 September, 2012, Leuven, Belgium

(co-located with PPDP 2012)

### Important dates

Abstract:	May 21, 2012
Paper:	May 25, 2012
Notification:	June 29, 2012
Camera-ready version:	July 8, 2012
Symposium:	Sept 18-20, 2012

The aim of the LOPSTR series is to stimulate and promote international research and collaboration on logic-based program development. LOPSTR is open to contributions in logic-based program development in any language paradigm. LOPSTR has a reputation for being a lively, friendly forum for presenting and discussing work in progress. Formal proceedings are produced only after the symposium so that authors can incorporate this feedback in the published papers.

### PC chair

Elvira Albert (C.U. Madrid, Spain)

### General chairs

Danny De Schreye (K.U.Leuven, Belgium)

Gerda Janssens (K.U.Leuven, Belgium)

Topics of interest cover all aspects of logic-based program development, all stages of the software life cycle, and issues of both programming-in-the-small and programming-in-the-large. Papers describing applications in these areas are especially welcome. Contributions are welcome on all aspects of logic-based program development, including, but not limited to:

### PC members

Elvira Albert (C.U. Madrid, Spain)  
Sergio Antoy (Portland S.U., US)  
Demis Ballis (U. Udine, Italy)  
Henning Christiansen (Roskilde U., Denmark)  
Michael Codish (Ben-Gurion, Israel)  
Danny De Schreye (K.U.Leuven, Belgium)  
Esra Erdem (Sabanci U., Istanbul)  
Maribel Fernandez (King's C.L., UK)  
John Gallagher (Roskilde U., Denmark)  
Miguel Gomez-Zamalloa (C.U. Madrid), Spain  
Robert Glück (U. Copenhagen, Denmark)  
Rémy Haemmerlé (T.U. Madrid, Spain)  
Reiner Hähnle (T.U. Darmstadt, Germany)  
Geoff Hamilton (Dublin U., Ireland)  
Carsten Fuhs (RWTH Aachen, Germany)  
Gerda Janssens (K.U.Leuven, Belgium)  
Isabella Mastroeni (U. Verona, Italy)  
Paulo Moura (U. Beira, Portugal)  
Kazutaka Matsuda (Tohoku U., Japan)  
Johan Nordlander (Lulea U., Sweden)  
Andrey Rybalchenko (T.U. München, Germany)  
Kostis Sagonas (Uppsala U., Sweden)  
Francesca Scozzari (U. G.D Chieti, Italy)  
Valerio Senni (U. Roma TV, Italy)  
German Vidal (T.U. Valencia, Spain)

specification	verification
analysis	specialization
composition	certification
synthesis	transformation
optimisation	inversion
security	program/model manipulation
applications and tools	transformational techniques in SE

Survey papers, that present some aspect of the above topics from a new perspective, and application papers, that describe experience with industrial applications, are also welcome.

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).

The formal post-conference proceedings will be published by Springer-Verlag in the Lecture Notes in Computer Science series.

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