Call for Papers
23rd International Conference on Logic Programming (ICLP 2007)
Porto, Portugal, September 8–13, 2007
`http://www.dcc.fc.up.pt/iclp07/`

Conference Scope

Since the first conference held in Marseilles in 1982, ICLP has been the premier international conference for presenting research in logic programming. Contributions (papers and posters) are sought in all areas of logic programming including but not restricted to:

- Theory: Semantic Foundations, Formalisms, Non-monotonic Reasoning, Knowledge Representation.

- Implementation: Compilation, Memory Management, Virtual Machines, Parallelism.

- Environments: Program Analysis, Program Transformation, Validation and Verification, Debugging, Profiling.

- Language Issues: Concurrency, Objects, Coordination, Mobility, Higher Order, Types, Modes, Programming Techniques.

- Alternative Paradigms: Abductive Logic Programming, Answer Set Programming, Constraint Logic Programming, Inductive Logic Programming, Alternative Inference Engines and Mechanisms.

- Applications: Deductive Databases, Data Integration, Software Engineering, Natural Language, Web Tools, Internet Agents, Artificial Intelligence, Bioinformatics.

The three broad categories for submissions are: (1) technical papers, where specific attention will be given to work providing novel integrations of the areas listed above, (2) application papers, where the emphasis will be on their impact on the application domain as opposed to the advancement of the the state-of-the-art of logic programming, and (3) posters, ideal for presenting and discussing current work not yet ready for publication, for PhD thesis summaries and research project overviews.

In addition to papers and posters, the technical program will include invited talks, tutorials, a Doctoral Consortium, and workshops.

Papers and Posters

Papers and posters must describe original, previously unpublished research, and must not simultaneously be submitted for publication elsewhere. They must be written in English. Technical and application papers must not exceed 15 pages in the Springer LNCS format. The limit for posters is 2 pages in the same format.

Publication

It is expected that the proceedings will be published by Springer-Verlag in the LNCS series. All accepted papers and abstracts of accepted posters will be included in the proceedings.

Important Dates

Paper registration deadline: March 2, 2007
Submission deadline: March 9, 2007
Notification of authors: May 4, 2007
Camera-ready copy due: June 8, 2007

ICLP 2007 Organization

Program Co-chairs: Verónica Dahl and Ilkka Niemelä
General Chair: Fernando Silva
Local chair: Ricardo Rocha
Publicity Chair: Salvador Abreu
Workshops Chair: Agostino Dovier
Doctoral Consortium: Enrico Pontelli and Inês Dutra
Prolog Programming Contest: Bart Demoen
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Program Committee

Maurice Bruynooghe	German Puebla
Keith Clark	Francesca Rossi
Verónica Dahl (Co-chair)	Kostis Sagonas
Marina De Vos	Peter Schachte
Yannis Dimopoulos	Torsten Schaub
Inês Dutra	Fernando Silva
Esra Erdem	Guillermo R. Simari
Maurizio Gabbrielli	Tran Cao Son
Patricia M Hill	Paul Tarau
Katsumi Inoue	Francesca Toni
Tomi Janhunen	Eric Villemonte
Tony Kusalik	de la Clergerie
Nicola Leone	David S. Warren
Vladimir Lifschitz	Stefan Woltran
Ilkka Niemelä (Co-chair)	

Workshops

The ICLP'07 program will include several workshops. They are perhaps the best place for the presentation of preliminary work, novel ideas, and new open problems to a wide and interested audience. Workshops also provide a venue for presenting specialized topics and opportunities for intensive discussions and project collaboration in any areas related to logic programming, including cross-disciplinary areas. Workshop proposals by Feb. 14, 2007.

Doctoral Consortium

The Doctoral Consortium (DC) on Logic Programming is the 3rd doctoral consortium to be offered as part of ICLP conference series. The DC aims to provide doctoral students with an opportunity to present and discuss their research directions and to obtain feedbacks from peers as well as world-renown experts in the field. The DC will also offer invited speakers and panels discussions. See `http://www.cs.nmsu.edu/~epontell/DC2007/`.

Conference Venue

ICLP 2007 will be held in the city of Porto, second largest in Portugal. Porto is located by the Douro river and the Atlantic, has a truly unique appearance with many striking bridges, a historic center classified by UNESCO as a World Heritage site, a new House of Music by Rem Koolhaas and a nice Museum of Modern Art (Museu de Serralves). Porto is also well known for the much celebrated Port wine grown in the Douro valley. The conference will feature a cruise in the Douro river along with other optional tours.