

**General Chair:**

A. Dovier (Univ. Udine)

**Program Chairs:**

M. Garcia de la Banda (Monash U.)

E. Pontelli (New Mexico State U.)

**Workshop Coordinator:**

T.C. Son (New Mexico State U.)

**Doctoral Consortium Chairs:**

D. Warren (SUNY Stony Brook)

T. Schrijvers (K.U.Leuven)

**Publicity Chairs:**

M. Balduccini (Kodak Research Labs)

A. Dal Palù (U. Parma)

**Programming Competition:**

B. Demoen (K.U.Leuven)

**20 Years of Stable Model Semantics:**

M. Truszczyński (U. Kentucky)

A. Formisano (U. Perugia)

**Web Master:**

R. Cipriano

**Local Arrangements:**

A. Casagrande

E. De Maria

L. Di Gaspero

C. Piazza

**Program Committee:**

S. Abreu

S. Antoy

P. Barahona

C. Baral

G. Brewka

M. Carro

M. Codish

A. Dal Palù'

B. Demoen

A. Dovier

J. Gallagher

M. Gelfond

C. Gervet

G. Gupta

M. Hermenegildo

A. King

M. Maher

J. Moreno Navarro

A. Pettorossi

B. Pientka

G. Rossi

F. Sadri

V. Santos Costa

T.C. Son

P. Torroni

F. Valencia

M. Wallace

**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, Integration
- Language Issues: Extensions, Integration with Other Paradigms, Concurrency, Modularity, Objects, Coordination, Mobility, Higher Order, Types, Modes, Programming Techniques.
- Alternative Paradigms: Abductive Logic Programming, Inductive Logic Programming, Constraint Logic Programming, Answer-Set Programming.
- Applications: Databases, Data Integration and Federation, Software Engineering, Natural Language, Web and Semantic Web, Agents, Artificial Intelligence, Bioinformatics

The three broad categories for submissions are: (1) technical papers, providing novel research contributions, innovative perspectives, and/or novel integration across different areas, (2) application papers, describing innovative uses of logic programming technology in real-world application domains, 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, advanced tutorials, workshops, and a Doctoral Student Consortium. A separate session, dedicated to the celebration of the 20th anniversary of stable model semantics, will also be part of the program. Details, as they become available will be posted at <http://iclp08.dimi.uniud.it>.

**PAPERS AND POSTERS**

Papers and posters must describe original, previously unpublished research, and must not be simultaneously submitted for publication elsewhere. They must be written in English. Emphasis will be placed on the novelty and innovative nature of the results (even if not completely polished and refined). All submissions will be peer reviewed. Technical papers and application papers must not exceed 15 pages in the Springer Verlag LNCS format. The limit for posters is 5 pages in that format. The primary means of submission will be electronic. More information on the submission procedure will be available at the conference web site.

**PUBLICATION**

The proceedings of the conference will be published by Springer-Verlag in the LNCS series. All accepted papers and accepted posters will be included in the proceedings.

**SUPPORT SPONSORING AND AWARDS**

The conference is sponsored by the Association for Logic Programming. The ALP has funds to assist financially disadvantaged participants. The ALP will sponsor two awards for ICLP'08: for the best technical paper and for the best student paper.

**IMPORTANT DATES**

	<i>Papers</i>	<i>Posters</i>
Abstract submission deadline	June 2	N/A
Submission deadline	June 9	August 15
Notification of authors	August 1	September 1
Camera-ready copy due	September 15	September 15
Workshop Proposals	June 2	
Conference	December 9-13	

**WORKSHOPS**

The ICLP'08 program will include several workshops. They are 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 should be submitted by June 2008.

**DOCTORAL CONSORTIUM**

The Doctoral Consortium (DC) on Logic Programming is the 4th Doctoral consortium to provide doctoral students with opportunity to present and discuss their research directions, and to obtain feedback from both peers and world-renown experts in the field. The DC will also feature invited speakers and panel discussions. Accepted participants will receive partial financial support to attend ICLP.

**CELEBRATING 20 YEARS OF STABLE MODEL SEMANTICS**

It has been 20 years since the publication of the seminal work by Gelfond & Lifschitz on Stable Model Semantics for Logic Programming. In commemoration, the ICLP08 program will include a special session dedicated to discuss the influence of stable model semantics on the field of logic programming. The session will include reflection/position papers, as well as invited speakers. A specific call for papers will soon be distributed through the conference web site.

**CONFERENCE VENUE**

The conference will be held in the city of Udine, the capital of the historical region of Friuli, Italy. Located between the Adriatic sea and the Alps, close to Venice, Austria, and Slovenia, Udine is a city of Roman origins (founded by Emperor Otto in 983). Rich of historical sites, Udine is also famous for its commercial and shopping opportunities and its outstanding wine and culinary traditions.

