29th International Conference on Logic Programming (ICLP 2013)
Special Issue: Theory and Practice of Logic Programming
Istanbul, Turkey, August 24-29, 2013
www.iclp2013.org

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 are sought in all areas of logic programming including but not restricted to:

Theory: Semantic Foundations, Formalisms, Nonmonotonic Reasoning, Knowledge Representation.

Implementation: Compilation, Virtual Machines, Parallelism, Constraint Handling Rules and Tabling.

Environments: Program Analysis, Transformation, Validation, Verification, Debugging, Profiling, Testing.

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

Related Paradigms: Inductive Logic Programming, Constraint Logic Programming, Answer-Set Programming, SAT-Checking, Co-inductive LP.

Applications: Databases, Data Integration and Federation, Software Engineering, Natural Language Processing, Web and Semantic Web, Agents, Artificial Intelligence, Bioinformatics.

In addition to the presentations of accepted papers, the technical program will include invited talks, advanced tutorials, the doctoral consortium, and several workshops.

SUBMISSION DETAILS

The four broad categories for submissions are as follows. Regular papers, including: (1) technical papers for describing technically sound, innovative ideas that can advance the state of logic programming; (2) application papers, where the emphasis will be on their impact on the application domain; (3) system and tool papers, where the emphasis will be on the novelty, practicality, usability and availability of the systems and tools described. Technical communications (4) aimed at describing recent developments, new projects, and other materials that are not ready for publication as standard papers. All papers and technical communications will be presented during the conference.

All submissions must describe original, previously unpublished research, and must not simultaneously be submitted for publication elsewhere. They must be written in English. Technical papers, application papers, and system and tool papers must not exceed 12 pages plus bibliography: however a new condensed TPLP format may be used and the papers may include appendices beyond 12 pages. The limit for technical communications is 10 pages. Submissions must be made in the condensed TPLP format www.iclp2013.org via the Easychair submission system, available at www.easychair.org/conferences/?conf=iclp2013

PAPER PUBLICATION

All accepted papers will be published in the journal Theory and Practice of Logic Programming (TPLP), Cambridge University Press, (CUP), in one or more special issues. In order to ensure the quality of the final version, papers may be subject to more than one round of refereeing (within the decision period). Accepted technical communications will be published in the on-line abstract of the special issue(s). The program committee may also recommend standard papers to be published as technical communications.

At the time of the conference CUP will make the web page for this(ese) TPLP issue(s) available including volume and issue numbers, table of contents, page numbers, and the papers themselves. All registered attendants at the conference will get a password for on-line access to this web page during the conference and indefinitely from then on ("lifetime access"), which can be used to read papers on line, download them, or print them for personal use. Attendants will also receive all the papers in a memory stick at the conference.

IMPORTANT DATES

Paper registration (abstract)	April 3, 2013
Submission deadline	April 10, 2013
Notification to authors	May 21, 2013
Revision deadline (when needed)	June 21, 2013
Camera-ready copy due	July 18, 2013
Conference	August 24-29, 2013

ICLP 2013 ORGANIZATION

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Joohyung Lee	Arizona State University

Program Co-chairs:
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Hans Tompits	Vienna University of Technology

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Doctoral Consortium:
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Martin Gebser	University of Potsdam

Prolog Programming Contest:
Bart Demoen	KU Leuven

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SPONSOR

The conference is sponsored by the Association for Logic Programming (ALP), Sabancı University and Artificial Intelligence Journal.

FINANCIAL ASSISTANCE

The Association for Logic Programming has funds to assist financially disadvantaged participants and, specially, students in order to be able to attend the conference.

WORKSHOPS

The ICLP 2013 program will include several workshops, held before and after the main conference. They are perhaps the best places for the presentation of preliminary work, undeveloped novel ideas, and new open problems to a wide and interested audience with opportunities for intensive discussions and project collaboration.

DOCTORAL CONSORTIUM

The 8th Doctoral Consortium (DC) on Logic Programming provides research students with the opportunity to present and discuss their research directions, and to obtain feedback from both peers and world-renown experts in the field. Accepted participants will receive partial financial support to attend the event and the main conference.

The best paper and presentation from the DC will be given the opportunity to present in a special session of the main ICLP conference.

CONFERENCE VENUE

Istanbul is a city of unparalleled social and cultural richness. Serving as the capital of two mighty empires for sixteen centuries, Eastern Roman (or Byzantine) and Ottoman, and set squarely between two continents, Istanbul has cultures and traditions that blend East with West and Mediterranean with Anatolian. Each civilization that has made Istanbul its home has left its mark in sublime and splendid ways, and the result a city that gives one the feeling of universal history at every step.

Istanbul has always been a meeting place, a crosspoint and a destination. With the Ataturk Istanbul International Airport, getting to and from Istanbul has never been easier. With a capacity of far over 25 million travelers per year Istanbul is less than a three-hour flight from most European cities. Istanbul has a second airport located on the Asian side of the city, Sabiha Gokcen International Airport, which is an important arrival point especially for low-cost airlines. Overall, Istanbul is served by more than 50 major airlines to hundreds of cities around the world.