21st Workshop on (Constraint) Logic Programming
WLP 2007

Würzburg, Germany

October 4-6, 2007

Co-located with INAP 2007

Workshop Description

The workshops on (constraint) logic programming are the annual meeting of the Society of Logic Programming (GLP e.V.) and bring together researchers interested in logic programming, constraint programming, and related areas like databases and artificial intelligence. Previous workshops have been held in Germany, Austria and Switzerland.

In this year the workshop will be jointly organized with INAP 2007 (International Conference on Applications of Declarative Programming and Knowledge Management) in order to promote the cross-fertilizing exchange of ideas and experiences among researches and students from the different communities interested in the foundations, applications, and combinations of high-level, declarative programming languages and related areas. The technical program of the workshop will include invited talks, presentations of refereed papers and demo presentations.

Previous workshops took place in Vienna (2006), Ulm (2005), Potsdam (2004), Dresden (2002), Kiel (2001),...

Topics

Contributions are welcome on all theoretical, experimental, and application aspects of constraint programming (CP) and logic programming (LP), including, but not limited to (the order does not reflect priorities):

- Foundations of Constraint/Logic Programming
- Constraint Solving and Optimization
- Extensions: Functional Logic Programming, Objects
- Deductive Databasis, Data Mining
- Nonmonotonic Reasoning
- Dynamics, Updates, States, Transactions
- Interaction of CP/LP with other formalisms like Agents, XML, JAVA
- Program Analysis, Program Transformation, Program Verification, Meta Pogramming
- Parallelism and Concurrency
- Answer-set Programming
- Implementation Techniques
- Software Techniques (e.g., Types, Modularity, Design Patterns)
- Applications (e.g., in Production, Environment, Education, Internet)
- Constraint/Logic Programming for Semantic Web Systems and Applications
- Reasoning on the Semantic Web
- Data Modelling for the Web, Semistructured Data, and Web Query Languages

The primary focus is on new and original research results but submissions describing innovative products, prototypes under development or interesting experiments (e.g., benchmarks) are also encouraged.

Proceedings

All accepted papers will be published as a technical report. In addition, selected papers will be published as post-conference proceedings together with INAP 2007 in the Springer Lecture Notes in Artificial Intelligence (LNAI) series.

Important Dates

Paper Submission:	**June 8, 2007**
Notification:	**July 6, 2007**
Camera-ready:	**July 27, 2007**
Workshop:	**October 4-6, 2007**

Submission Guidelines

Detailed submission information will be announced soon.

Authors are invited to submit an *extended abstract* (no longer than 10 pages including figures and references) or a *system description* (no longer than 3 pages) in PDF or Postscript format (11pt). Submissions should include the title, authors' names, affiliations, addresses, and e-mail. All submissions must be written in English. Authors are strongly encouraged to use LaTeX2e and the Springer llncs class file, available here. All submissions must be original work. Submissions must be unpublished and not submitted for publication elsewhere. Work that already appeared in unpublished or informally published workshops proceedings may be submitted.

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