

## Call for papers CDB'04

### 1st International Symposium on *Applications of Constraint Databases* in conjunction with SIGMOD/PODS 2004

June 12-13, Paris, France

#### Symposium organizers:

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#### Program Committee:

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Alex Brodsky (George Mason)  
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Manolis Koubarakis (Crete)  
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Bart Kuijpers (Limburg)  
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Philippe Rigaux (Paris Sud)  
Kai-Uwe Sattler (Ilmenau)  
Jianwen Su (UCSB)  
David Toman (Waterloo)  
Jan Van den Bussche (Limburg)  
Dirk Van Gucht (Indiana U)  
Nicolai Vorobjov (Bath)  
Mark Wallace (Imperial College)

#### Invited Speakers:

Joos Heintz (Buenos Aires)  
Leonid Libkin (Toronto)  
Andreas Podelski (Max-Planck)

#### Proceedings and Publicity:

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**Scope:** The last few years saw a growing interest of constraint database theory, query evaluation, and applications in a variety of conferences, journals, and books. This symposium wants to bring together people from several diverse areas that can contribute to the practice and the application of constraint databases. It is a continuation and extension of previous workshops held in Friedrichshafen, Germany (1995), Cambridge, USA (1996), Delphi, Greece (1997), and Seattle, USA (1998) as well as of the work in the comprehensive volume "Constraint Databases" edited by G. Kuper, L. Libkin and J. Paredaens (2000) and the textbook "Introduction to Constraint Databases" by P. Revesz (2002).

**Topics of interest:** We especially encourage submissions

- opening new and future directions in constraint database research;
- addressing constraints over domains other than the reals;
- contributing to a better implementation of constraint database systems, in particular of query evaluation;
- addressing efficient quantifier elimination; or
- describing applications of constraint databases.

The following is a non-exclusive list of topics of interest.

|                          |   |
|--------------------------|---|
| <i>applications:</i>     | <i>data and knowledge representation:</i> |
| bioinformatics           | approximation techniques                  |
| CAD and GIS              | constraint data extraction                |
| computer security        | constraint interpolation                  |
| data mining              | incomplete information                    |
| model checking           | spatiotemporal models                     |
| string databases         | visualization                             |
| <i>Query evaluation:</i> | <i>query languages:</i>                   |
| algebras                 | complexity                                |
| indexing                 | expressive power                          |
| quantifier elimination   | new operators □                           |

**Submissions:** Potential presenters should submit e-mail copies of a paper in English and maximum 15 pages in either PostScript or PDF form to one of the organizers. Selection of papers will be mainly based on relevance, clarity, and significance. The presented results should be original, not published somewhere else and not under submission elsewhere. Please follow the Springer Lecture Notes in Computer Science guidelines for formatting.

#### Important dates:

Abstract submission: January 23, 2004  
Submission deadline: February 2, 2004  
Notification of acceptance: March 15, 2004  
Camera ready copy deadline: March 26, 2004  
Symposium dates: June 12-13, 2004

**Proceedings:** Accepted papers will be published in the proceedings of the symposium (Lecture Notes in Computer Science, Springer-Verlag). Authors are expected to sign a copyright release form to Springer-Verlag.