CALL FOR PAPERS DATALOG 2.0

THE 2nd INTERNATIONAL WORKSHOP ON
THE RESURGENCE OF DATALOG IN ACADEMIA AND INDUSTRY

September 11-13, 2012, Vienna, Austria

`http://www.dbai.tuwien.ac.at/datalog2.0`

Invited Speakers:

Thomas Eiter   *(TU Wien)*
Yuri Gurevich   *(Microsoft Research)*
Phokion Kolaitis   *(UC Santa Cruz)*
Oege de Moor *(Oxford U.)* M-Laure
Mugnier   *(U. of Montpellier)*

Invited Tutorials:

Todd J. Green (UC Davis,LogicBlox)
Axel Polleres   (Siemens AG Austria)

General Chair:

Georg Gottlob   *(Oxford University)*

Program Chairs:

Pablo Barceló
Department of Computer Science
University of Chile
`pbarcelo@dcc.uchile.cl`

Reinhard Pichler
Institute of Information Systems
Vienna University of Technology
`pichler@dbai.tuwien.ac.at`

Program Committee:

Chitta Baral   *(Arizona State U.)*
Piero Bonatti   *(U. of Napoli)*
Loreto Bravo   *(U. Concepción)*
Andrea Calì   *(U. London, Birbeck)*
Diego Calvanese
          (Free U. of Bozen-Bolzano)
Jürgen Dix   *(TU Clausthal)*
Tim Furche   *(Oxford U.)*
Claudio Gutierrez   *(U. of Chile)*
Georg Lausen   *(U. Freiburg)*
Nicola Leone   *(U. of Calabria)*
Y. Annie Liu   *(SUNY, Stony Br.)*
Boon Thau Loo *(U. of Pennsylvania)*
Raghu Ramakrishnan   *(Yahoo!)*
Sebastian Rudolph   *(Karlsruhe IT)*
Tuncay Tekle   *(LogicBlox)*
Miroslaw Truszczynski *(U. Kentucky)*
Stijn Vansummeren
          (U. Libre Bruxelles)
Victor Vianu   *(UC San Diego)*
Stefan Woltran   *(TU Wien)*
Peter Wood   *(U. London, Birbeck)*

The "2nd International Workshop on the Resurgence of Datalog in Academia and Industry" (Datalog 2.0, 2012) will be held in Vienna, Austria, on September 11-13, 2012, and co-located with the "International Conference on Web Reasoning and Rule Systems" (RR 2012) and the "International Conference on Computational Models of Argument" (COMMA 2012). This will be the first open version of the workshop, second in total. The previous edition was held in Oxford, UK, during March 2010. It was based on invitations only.

Datalog 2.0 is a workshop for Datalog researchers, implementors, and users. Its main aim is to bring everyone up-to-date and map out directions for future research. Over the past few years, Datalog has resurrected as a lively topic with applications in many different areas of computer science, as well as industry. Due to this renewed interest and increased level of activity in the area, we have decided to open the workshop for submissions this year.

We have chosen an attractive location: Vienna is certainly a metropolis with unique charm and one of the most beautiful cities in Europe. But more importantly, we want to offer an exciting scientific atmosphere, and receive high level research contributions.

We solicit original submissions on the foundational aspects of Datalog, as well as on its applications in other areas of computer science and in industry. Potential areas of application for Datalog may include (among others):

> *data management, data mining, description logics, cloud computing, distrubuted computing, knowledge representation, privacy and security, probabilistic reasoning, program analysis, programming languages, semantic web, social networks, streaming, verification, web services.*

Paper submissions must be in electronic form using Portable Document Format (.pdf). Papers should be formatted according to the Springer LaTeX2e style llncs for Lecture Notes in Computer Science, which is available at `http://www.springer.de/comp/lncs/authors.html`. The length should not exceed 12 pages. Papers longer than 12 pages risk rejection without consideration of their merits. In addition, the authors may include an unbounded-length appendix (e.g. for proof details), with the understanding that the appendix is read at the reviewers' discretion. The proceedings of the workshop will be published by Springer-Verlag in the LNCS series.

Paper submission deadline	:	March 20th, 2012
Notification	:	June 5th, 2012

The submissions will be judged for scientific quality and relevance. At least one author of each accepted paper must attend the workshop to present the work. For submissions use EasyChair.

We also intend to have a track that discusses the influence of Datalog in industry and practice. The scope is broad and may range from business case descriptions to applications of Datalog in R&D. Groups or individuals that feel interested in presenting their experiences in this track, please send an e-mail to the chairs of the workshop with a summary of their proposal. In case of acceptance, the authors will be invited to provide a 5 page extended abstract to be included in the workshop proceedings.

Local Arrangements: Markus Pichlmair and Reinhard Pichler
(Institute of Information Systems, Vienna University of Technology)