

# Preface

These are the proceedings of the *Sixth International Conference on Logic Programming and Nonmonotonic Reasoning* (LPNMR 2001). The conference was held in Vienna from 17th to 19th of September, 2001. It was collocated with the Joint German/Austrian Conference on Artificial Intelligence (24th German/9th Austrian Conference on Artificial Intelligence), KI 2001.

LPNMR conferences aim to promote research in logic-based programming languages, database systems, nonmonotonic reasoning, and knowledge representation. LPNMR 2001 was the sixth conference in the series. The previous meetings were held in Washington, DC, in 1991, in Lisbon, Portugal, in 1993, in Lexington, Kentucky, in 1995, in Dagstuhl, Germany, in 1997, and in El Paso, Texas, in 1999.

The technical program of LPNMR 2001 was comprised of five invited talks that were given by Jürgen Dix, Georg Gottlob, Phokion Kolaitis, Maurizio Lenzerini, and Chiaki Sakama. It also contained 23 technical presentations selected by the program committee during a rigorous review process. Finally, as a part of the technical program, the conference featured a special session comprised of nine presentations and demonstrations of implemented nonmonotonic reasoning systems. All these contributions are included in the proceedings.

Many individuals worked for the success of the conference. Special thanks are due to all members of the program committee and to additional reviewers for their efforts to produce fair and thorough evaluations of submitted papers. Furthermore, we would like to thank the members of the Knowledge Based Systems Group of the Vienna University of Technology, which took care of the local organization. We particularly appreciated the never tiring effort of Elfriede Nedoma, secretary to the group. We would also like to thank Gerd Brewka for his supportive role in arranging the collocation of the conference with KI 2001. Last, but not least, we thank the sponsoring institutions for their generosity.

September 2001

Thomas Eiter  
Wolfgang Faber  
Mirosław Truszczyński

# Conference Organization

## Program Co-chairs

Thomas Eiter (Vienna University of Technology, Austria)

Mirosław Truszczyński (University of Kentucky, USA)

## Program Committee

Alexander Bochman (Holon Academic Institute of Technology, Israel)

Piero Bonatti (Università degli Studi Milano/Crema, Italy)

Gerhard Brewka (University of Leipzig, Germany)

James Delgrande (Simon Fraser University, Canada)

Marc Denecker (Katholieke Universiteit Leuven, Belgium)

Norman Foo (University of New South Wales, Australia)

Michael Gelfond (Texas Tech University, USA)

Katsumi Inoue (Kobe University, Japan)

Antonis Kakas (University of Cyprus)

Nicola Leone (Università degli Studi della Calabria, Italy)

Vladimir Lifschitz (University of Texas at Austin, USA)

Fangzhen Lin (The Hong Kong University of Science and Technology, China)

Victor Marek (University of Kentucky at Lexington, USA)

Zhang Ming-Yi (Guizhou Academy of Sciences, China)

Ilkka Niemelä (Helsinki University of Technology, Finland)

Luís Moniz Pereira (Universidade Nova de Lisboa, Portugal)

Marco Schaerf (Università di Roma “La Sapienza,” Italy)

Torsten Schaub (University of Potsdam, Germany)

Francesca Toni (Imperial College, London, U.K.)

Li-Yan Yuan (University of Alberta, Canada)

## Publicity Chair

Wolfgang Faber (Vienna University of Technology, Austria)

## Additional Reviewers

José Alferes  
 Cristina Baroglio  
 Krysia Broda  
 Maurice Bruynooghe  
 Francesco Buccafurri  
 Carlos Damásio  
 Emmanuel De Mot  
 Yannis Dimopoulos  
 Esra Erdem  
 Wolfgang Faber  
 Daya Gaur  
 Jens Happe  
 Tomi Janhunen  
 Joohyung Lee  
 Nicola Leone  
 Thomas Linke  
 Thomas Lukasiewicz  
 Paolo Mancarella  
 Cristinel Mateis  
 Rob Miller

Mehmet Orgun  
 Maurice Pagnucco  
 Viviana Patti  
 Nikolay Pelov  
 Gerald Pfeifer  
 Fabrizio Riguzzi  
 Riccardo Rosati  
 Giuliana Sabbatini  
 Fariba Sadri  
 Chiaki Sakama  
 Francesco Scarcello  
 Tommi Syrjänen  
 Andrea Tettamanzi  
 Bert Van Nuffelen  
 Helmut Veith  
 Gerard Vreeswijk  
 Kewen Wang  
 Jia-Huai You  
 Dongmo Zhang

## Sponsoring Institutions

We would like to acknowledge financial support for the conference from the European Office of Aerospace Research and Development (EOARD), under contract F61775-01-WF077, the Austrian Computer Society (OCG), the European Commission, the Austrian Ministry of Transport, Innovation & Technology, and Microsoft.

Logic Programming and Nonmonotonic Reasoning  
6th International Conference, LPNMR 2001, Vienna,  
Austria, September 17-19, 2001. Proceedings  
Eiter, Th.; Faber, W.; Truszczyński, M. (Eds.)  
2001, X, 454 p., Softcover  
ISBN: 978-3-540-42593-9