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Principles and Practice of Constraint Programming – CP 97

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Linz, Austria, October 29 – November 1, 1997
Proceedings



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Foreword

This volume contains the proceedings of CP97, the Third International Conference on Principles and Practice of Constraint Programming. It will take place at Schloss Hagenberg near Linz, Austria from October 29 to November 1, 1997. The previous CP conferences took place at Cassis, France (1995) and at Cambridge, MA, USA (1996). They were preceded by a workshop on Orcas Island, WA, USA (1994). The proceedings of these events have been published in the LNCS series of Springer-Verlag as volumes 874, 976, and 1118.

Constraints have emerged as the basis of a representational and computational paradigm that draws from many disciplines and can be brought to bear on many problem domains. The call for papers encouraged submissions from all disciplines concerned with constraints, including artificial intelligence, computational logic, databases, operations research, programming languages, and symbolic computation.

CP97 attracted 132 submissions, the highest number so far. The program committee selected 37 papers for presentation at the conference. The geographical distribution of submitting and accepted authors was as follows: America (30, 12), Asia (14, 2), Australia (2,1), Europe (106, 28). The most active country was France with 34 submitting and 14 accepted authors, followed by the USA (21, 9), the UK (17, 4) and Germany (15, 4). Submission and refereeing were handled smoothly through the Internet.

Besides the 37 accepted papers, this volume contains the abstracts of the 2 invited talks and the 3 tutorials.

A total of 8 constraint-related workshops are associated with the conference. Three of them will take place on the two days preceding the conference, and the others will take place on the last day of the conference.

More information about CP97 can be found in the Web at <http://www.mpi-sb.mpg.de/conferences/CP97/>.

Last but not least I would like to thank the authors of all submitted papers, the referees, the sponsors, the members of the program and organizing committees, the conference chair, and the publicity chair for their efforts. Special thanks goes to Tobias Müller, Joachim Walser, and Jörg Würtz who worked with me in Saarbrücken.

Saarbrücken, July 1997

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