

Preface

MOPGP is an international conference series devoted to multi-objective programming and goal programming (MOP/GP). This conference brings together researchers and practitioners from different disciplines of Computer Science, Operational Research, Optimisation Engineering, Mathematical Programming and Multi-criteria Decision Analysis. Theoretical results and algorithmic developments in the field of MOP and GP are covered, including practice and applications of MOP/GP in real-life situations.

The MOP/GP international conferences are organised in a biennial cycle. The previous editions were held in United Kingdom (1994), Spain (1996), Canada (1998), Poland (2000), Japan (2002), and Tunisia (2004). The Seventh meeting (MOPGP'06) was organised in the Loire Valley (Center-West of France) by X. Gandibleux, (University of Nantes, chairman) and V. T'Kindt (University of Tours, co-chairman). The conference was hosted during three days (June 12–14, 2006) by the old city hall of Tours which is located in the city centre of Tours.

The conference comprised four plenary sessions (M. Ehrgott; P. Perny; R. Caballero and F. Ruiz; S. Oussedik) and six semi-plenary sessions (N. Jussien and V. Barichard; D. Corne and J. Knowles; H. Hoogeveen; M. Wiecek; E. Bampis; F. Ben Abdelaziz) and 82 regular talks. The (semi-)plenary speakers were invited, while the regular talks were selected by the international scientific committee composed of 61 eminent researchers on basis of a 4-pages abstract.

Out of 115 regular talks submitted from 28 countries, 75% were finally accepted, covering 25 countries. A very low no-show rate of 2% was recorded. One hundred and twenty-five participants attended the meeting, including academics and practitioners from companies such as Renault, Electricité de France, Ilog, and Airbus. The biggest delegations came from France (22 plus the 10 members of the local organising committee), Spain (21), USA (10), Japan (7), Germany (6), Tunisia (6), UK (6).

Traditionally, a post-conference proceedings volume is edited for the MOP/GP conferences. For MOPGP'06, the decision has been to publish the volume by Springer in the Lecture Notes in Economics and Mathematical Systems series,

edited by V. Barichard, M. Ehrgott, X. Gandibleux and V. T'Kindt. The authors who presented a talk during the conference were invited to submit a 10-page paper presenting the full version of their work.

Forty-two regular papers plus two invited papers have been submitted. All of them have been refereed according to the standard reviewing process, by members of the MOPGP'06 international scientific committee and other expert referees: E. Bampis E., V. Barichard, S. Belmokhtar, F. Ben Abdelaziz, R. Caballero, S. Chu, C. Coello Coello, X. Delorme, P. Dépincé, C. Dhaenens, K. Doerner, M. Ehrgott, F. Fernandez Garcia, J. Figueira, J. Fodor, X. Gandibleux, J. Gonzalez-Pachon, S. Greco, T. Hanne, C. Henggeler Antunes, K. Hocine, H. Hoogeven, H. Ishubuchi, J. Jahn, A. Jaskiewicz, N. Katoh, I. Kojadinovic, F. Le Huede, A. Lotov, A. Marmol, K. Mieettinen, J. Molina, H. Nakayama, P. Perny, A. Przybylski, C. Romero, S. Sayin, R. Steuer, M. Tamiz, C. Tammer, T. Tanino, V. T'Kindt, T. Trzaskalik, D. Tuytens, D. Vanderpooten, L. Vermeulen-Jourdan, M. Wiecek, E. Zitzler.

Finally, 26 papers have been accepted covering eight main topics of the conference. With the relatively high number of talks submitted for the conference, 75% of which have been accepted, followed by an acceptance rate of 59% for full papers, a fairly high quality of the proceedings is guaranteed. We are sure that the readers of those proceedings will enjoy the quality of papers published in this volume, which is structured in five parts:

1. Multiobjective Programming and Goal-Programming
2. Multiobjective Combinatorial Optimization
3. Multiobjective Metheuristics
4. Multiobjective Games and Uncertainty
5. Interactive Methods and Applications.

We wish to conclude by saying that we are very grateful to the authors who submitted their works, to the referees for their detailed reviews, and more generally, to all those contributing to the organization of the conference, peoples, institutions, and sponsors.

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