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# Algorithmic Applications in Management

First International Conference, AAIM 2005  
Xian, China, June 22-25, 2005  
Proceedings



Springer

## Volume Editors

Nimrod Megiddo  
IBM Almaden Research Center  
650 Harry Road, San Jose, CA 95120, USA  
E-mail: megiddo@almaden.ibm.com

Yinfeng Xu  
Xi'an Jiaotong University  
School of Management  
28 West Xianning Road, Xi'an, Shaanxi 710049, China  
E-mail: yfxu@mail.xjtu.edu.cn

Binhai Zhu  
Montana State University  
Department of Computer Science  
EPS 357, Bozeman, MT 59717-3880, USA  
E-mail: bhz@cs.montana.edu

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# Preface

The papers in this volume were presented at the 1st International Conference on Algorithmic Applications in Management (AAIM 2005), held June 22–25, 2005 in Xi'an, China. The topics cover algorithmic applications in most management-related areas.

Submissions to the conference this year were conducted electronically. A total of 140 papers were submitted, of which 46 were accepted. The papers were evaluated by an international Program Committee consisting of Franz Aurenhammer, Sergey Bereg, Danny Z. Chen, Jian Chen, Zhixiang Chen, Edith Cohen, Xiaotie Deng, Michael Goldwasser, Jason Hartline, Wen-Lian Hsu, Haijun Huang, Minghui Jiang, Ellis Johnson, Naoki Katoh, Masakazu Kojima, Mohammad Mahdian, Nimrod Megiddo, Zhongping Qin, Panos Pardalos, Chung Keung Poon, Bruce Reed, Shouyang Wang, Peter Widmayer, Yinfeng Xu, Frances Yao, Yinyu Ye and Binhai Zhu.

The submitted papers were from Canada, Chile, China, Finland, Germany, Hong Kong, Iran, Israel, Japan, Korea, Malaysia, Mexico, Netherlands, Singapore, UK and USA. Each paper was evaluated by at least two Program Committee members, assisted in some cases by subreferees. In addition to selected papers, the conference also included two invited presentations, by Ellis Johnson and Yinyu Ye, and two invited papers, by Xujin Chen et al. and Siu-Wing Cheng et al.

We thank all the people who made this meeting possible: the authors for submitting papers, the Program Committee members and external referees (listed on the pages that follows) for their excellent work, and the two invited speakers. Finally, we thank NSF of China and the School of Management, Xi'an Jiaotong University for their support, and the local organizers and our colleagues for their assistance.

June 2005

Nimrod Megiddo  
Yinfeng Xu  
Binhai Zhu

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