

Mehmet A. Orgun
John Thornton (Eds.)

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AI 2007: Advances in Artificial Intelligence

20th Australian Joint Conference on Artificial Intelligence
Gold Coast, Australia, December 2007
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Preface

This volume contains the papers presented at AI 2007: The 20th Australian Joint Conference on Artificial Intelligence held during December 2–6, 2007 on the Gold Coast, Queensland, Australia.

AI 2007 attracted 194 submissions (full papers) from 34 countries. The review process was held in two stages. In the first stage, the submissions were assessed for their relevance and readability by the Senior Program Committee members. Those submissions that passed the first stage were then reviewed by at least three Program Committee members and independent reviewers. After extensive discussions, the Committee decided to accept 60 regular papers (acceptance rate of 31%) and 44 short papers (acceptance rate of 22.7%). Two regular papers and four short papers were subsequently withdrawn and are not included in the proceedings.

AI 2007 featured invited talks from four internationally distinguished researchers, namely, Patrick Doherty, Norman Foo, Richard Hartley and Robert Hecht-Nielsen. They shared their insights and work with us and their contributions to AI 2007 were greatly appreciated. AI 2007 also featured workshops on integrating AI and data-mining, semantic biomedicine and ontology. The short papers were presented in an interactive poster session and contributed to a stimulating conference.

It was a great pleasure for us to serve as the Program Co-chairs of AI 2007. We would like to thank all the Senior Program Committee members for their extremely hard work in the two-stage review process and the Program Committee members and the reviewers for the timely return of their comprehensive reviews. Without their help and contributions, it would have been impossible to make decisions and produce such high-quality proceedings. We also would like to acknowledge the contributions of all the authors of 194 submissions. The EasyChair conference management system was used (www.easychair.org) in all stages of the review process and in the generation of the proceedings; it made our life much easier.

We would like to thank the Conference Co-chairs, Abdul Sattar and Vladimir Estivill-Castro of Griffith University for their guidance, and the local Organizing Co-chairs Michael Blumenstein and Guido Governatori for making sure that the conference ran smoothly. Special thanks go to Natalie Dunstan and Vicky Wheeler for supporting the Committees so effectively.

We also would like to thank the following organizations for their generous sponsorship of AI 2007: Griffith University, National ICT Australia, the University of Queensland, Queensland University of Technology, Bond University, the Australian Computer Society and the Gold Coast City Council.

December 2007

Mehmet A. Orgun
John Thornton

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AI 2007 was hosted and organized by Griffith University, Gold Coast, Australia. The conference was held at the Holiday Inn Hotel, Surfers Paradise, December 2–6, 2007.

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