Research and Development in Intelligent Systems XXII

Max Bramer, Frans Coenen and
Tony Allen (Eds)

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TECHNICAL PROGRAMME CHAIR'S INTRODUCTION

M.A.BRAMER
University of Portsmouth, UK

This volume comprises the refereed technical papers presented at AI-2005, the Twenty-fifth SGAI International Conference on Innovative Techniques and Applications of Artificial Intelligence, held in Cambridge in December 2005. The conference was organised by SGAI, the British Computer Society Specialist Group on Artificial Intelligence.

The papers in this volume present new and innovative developments in the field, divided into sections on Information Learning, Integration and Management, AI and the World Wide Web, Networks and Biologically Motivated AI, Multi-Agent Systems, Case-Based Reasoning, Knowledge Discovery in Data and Reasoning and Decision Making.

This year's prize for the best refereed technical paper was won by a paper entitled *Reusing JessTab Rules in Protégé* by David Corsar and Derek Sleeman (University of Aberdeen, UK). SGAI gratefully acknowledges the long-term sponsorship of Hewlett-Packard Laboratories (Bristol) for this prize, which goes back to the 1980s.

This is the twenty-second volume in the *Research and Development* series. The Application Stream papers are published as a companion volume under the title *Applications and Innovations in Intelligent Systems XIII.*

On behalf of the conference organising committee I should like to thank all those who contributed to the organisation of this year's technical programme, in particular the programme committee members, the executive programme committee and our administrator Collette Jackson.

Max Bramer
Technical Programme Chair, AI-2005

ACKNOWLEDGEMENTS

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