

Applications and Innovations in Intelligent Systems XIV

Richard Ellis, Tony Allen and
Andrew Tuson (Eds)

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**Proceedings of AI-2006, the Twenty-sixth SGA
International Conference on Innovative Techniques
and Applications of Artificial Intelligence**

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British Library Cataloguing in Publication Data
A catalogue record for this book is available from the British Library

ISBN-10: 1-84628-665-4 Printed on acid-free paper
ISBN-13: 978-1-84628-665-0

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Printed in the United Kingdom

9 8 7 6 5 4 3 2 1

Springer Science+Business Media
springer.com

APPLICATION PROGRAMME CHAIR'S INTRODUCTION

RICHARD ELLIS

Managing Director, Stratum Management Ltd, UK

The papers in this volume are the refereed application papers presented at AI-2006, the Twenty-sixth SGAI International Conference on Innovative Techniques and Applications of Artificial Intelligence, held in Cambridge in December 2006. The conference was organised by SGAI, the British Computer Society Specialist Group on Artificial Intelligence.

This volume contains seventeen refereed papers which present the innovative application of a range of AI techniques in a number of subject domains. This year, the papers are divided into sections on *Data Mining and Bayesian Networks*; *Genetic Algorithms and Optimisation Techniques*; *Agents and Semantic Web*; and *Natural Language*.

This year's Rob Milne Memorial Award for the best refereed application paper was won by a paper entitled "Managing Restaurant Tables using Constraints". The authors are Alfio Vidotto and Kenneth N. Brown (University College Cork, Ireland) and J. Christopher Beck (University of Toronto, Canada). This award was instituted in 2005 in memory of the contribution that the late Rob Milne made to AI.

This is the fourteenth volume in the *Applications and Innovations* series. The Technical Stream papers are published as a companion volume under the title *Research and Development in Intelligent Systems XXIII*.

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

Richard Ellis

Application Programme Chair, AI-2006

ACKNOWLEDGEMENTS

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