

# Applications and Innovations in Intelligent Systems XIII

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Ann Macintosh, Richard Ellis and  
Tony Allen (Eds)

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# **Applications and Innovations in Intelligent Systems XIII**

**Proceedings of AI-2005, the Twenty-fifth SGAI  
International Conference on Innovative Techniques  
and Applications of Artificial Intelligence, Cambridge,  
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# APPLICATION PROGRAMME CHAIR'S INTRODUCTION

A. L. MACINTOSH

Napier University, UK

The papers in this volume are the refereed application 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.

This volume contains fifteen 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 *Applied AI in Information Processing*, *Techniques for Applied AI*, *Industrial Applications* and *Medical Applications*.

This year's prize for the best refereed application paper, which is being sponsored by the Department of Trade and Industry, was won by a paper entitled "Case-Based Reasoning Investigation of Therapy Inefficacy". The authors are Rainer Schmidt of the University of Rostock, Germany, and Olga Vorobieva, from the Sechenov Institute in St.Petersburg, Russia.

This is the thirteenth 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 XXII*.

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 Collette Jackson.

Ann Macintosh

Application Programme Chair, AI-2005

## **ACKNOWLEDGEMENTS**

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