Applications and Innovations in Intelligent Systems XI

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Max Bramer, Richard Ellis and
Ann Macintosh (Eds)

Applications and Innovations in Intelligent Systems XI

Proceedings of AI2003, the Twenty-third SGAI International Conference on Innovative Techniques and Applications of Artificial Intelligence

Springer

Professor Max Bramer, BSc, PhD, CEng, FBCS, FIEE, FRSA
Faculty of Technology, University of Portsmouth, Portsmouth, UK

Richard Ellis, BSc, MSc
Crew Services Ltd, Portsmouth, UK

Dr Ann Macintosh, BSc, CEng
Napier University, International Teledemocracy Centre, Edinburgh, EH10 5DT, UK

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

Library of Congress Cataloging-in-Publication Data
A catalog record for this book is available from the Library of Congress

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ISBN-13: 978-1-85233-779-7 e-ISBN-13: 978-1-4471-0643-2

DOI: 10.1007/978-1-4471-0643-2

Springer-Verlag is part of Springer Science+Business Media GmbH
springeronline.com

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Softcover reprint of the hardcover 1st edition 2004

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Typesetting: Camera-ready by editors

34/3830-543210 Printed on acid-free paper SPIN 10951514

APPLICATION PROGRAMME CHAIR'S INTRODUCTION

M.A.Bramer
University of Portsmouth, UK

This volume comprises the refereed application papers presented at AI-2003, the Twenty-third SGAI International Conference on Innovative Techniques and Applications of Artificial Intelligence, held in Cambridge in December 2003. The conference was organised by SGAI, the British Computer Society Specialist Group on Artificial Intelligence.

The papers present new and innovative developments in the field, divided into sections on Personalisation, E-Commerce and Resource Management, Hazard Prediction, Fault Diagnosis and Design, Medical and Social Services and Image Recognition, Knowledge Bases and Attribute Selection.

This year's prize for the best refereed application paper, which was sponsored by the Department of Trade and Industry, was won by a paper entitled *Design-a-Trial: A Rule-Based Decision Support System for Clinical Trial Design*, which has no fewer than nine authors: K Nammuni, C Pickering (InferMed Ltd), S Modgil (University College, London), A Montgomery (InferMed Ltd), P Hammond (University College, London), JC Wyatt (National Institute for Clinical Excellence), DG Altman (Centre for Statistics in Medicine), R Dunlop (InferMed Ltd) and H Potts (Kings College, London).

This is the eleventh 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 XX*.

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 referees and our administrators Fiona Hartree and Linsay Turbert.

Max Bramer
Application Programme Chair, AI-2003

ACKNOWLEDGEMENTS

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