

Page 1	TCD-CS-94-08	Mar 21 1995 08:51:01	TCD-CS-94-08	Page 1								
<p>This is a book that is available from the Departmental Library for IRM-#8 including postage.</p> <p>TCD-CS-94-08 Keane, M.T., Brady, M., Cunningham, P. & Byrne, R. (Eds.) (1994). Artificial Intelligence & Cognitive Science '94. Dublin, Ireland: Dublin University Press (pp. 240; cost M-#8)</p> <p>Below is the list of contents and title pages:</p> <p>Preface</p> <p>This book contains the talks that were presented at the Seventh Irish Annual Conference on Artificial Intelligence & Cognitive Science which was held at Trinity College Dublin, Ireland on the 8th and 9th of September, 1994. The aims of this conference are to promote AI and Cognitive Science research in Ireland. The editors of this volume were the co-chairs of the conference:</p> <table> <tbody> <tr> <td>Mike Brady Ruth Byrne Padraig Cunningham Mark Keane</td> <td>Dept. of Computer Science, TCD Dept. of Psychology, TCD Dept. of Computer Science, TCD Dept. of Computer Science, TCD</td> </tr> <tr> <td>Jane Grimson Pete Hampson Gabriel McDermott</td> <td>Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC</td> </tr> <tr> <td>Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale</td> <td>University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD</td> </tr> <tr> <td>The Invited Speakers at the Conference were: David Rumelhart Lorenza Saitta</td> <td>The Invited Speakers at the Conference were: David Rumelhart Stanford University University of Torino</td> </tr> </tbody> </table> <p>The Programme Committee and other Paper Reviewers were:</p> <table> <tbody> <tr> <td>David Roddy Cowie Jane Grimson Pete Hampson Gabriel McDermott Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale</td> <td>Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD</td> </tr> </tbody> </table> <p>Contents</p> <p>Al-Asady, R. Analogical Reasoning: A Nonmonotonic Inheritance Approach</p> <p>Braisby, N. The Perceptival Nature of Complex Concepts</p> <p>Cooper, R. & Franks, B. Constraints on Hybrid Symbolic/Connectionist Models of Cognition</p> <p>Cunningham, P. & Smyth, B. Case-Based Reasoning in Fault Diagnosis</p> <p>Davies, S.P. & Castell, A.M. Structuring Concurrent Descriptions of the Design Activity</p> <p>Dertmar, H.J., Johnson, R.G., Liu, X. & Phalp, J.M. The Acquisition and Application of Meta-Knowledge in the SCAMS System</p> <p>Doran, J. Modelling Collective Belief and Misbelief</p> <p>Galton, A. Lines of Sight</p> <p>HM-^J99, S. & Ygge, F</p>	Mike Brady Ruth Byrne Padraig Cunningham Mark Keane	Dept. of Computer Science, TCD Dept. of Psychology, TCD Dept. of Computer Science, TCD Dept. of Computer Science, TCD	Jane Grimson Pete Hampson Gabriel McDermott	Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC	Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale	University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD	The Invited Speakers at the Conference were: David Rumelhart Lorenza Saitta	The Invited Speakers at the Conference were: David Rumelhart Stanford University University of Torino	David Roddy Cowie Jane Grimson Pete Hampson Gabriel McDermott Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale	Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD	<p>An Architecture for Agent-Oriented Programming with a Programmable Model of Interaction</p> <p>Hancox, P. The Uniform Treatment of Constraints, Coherence and Completeness in a Lexical Functional Grammar Compiler</p> <p>Holte, R., Zimmer, R. & McDonald, A. A Study of the Representation-Dependency of Abstraction Techniques</p> <p>Ramsay, A. Theorem Proving for Intensional Logic</p> <p>Read, T. Applying Systematic Design to the Study of "Emotion"</p> <p>Richardson, R., Smeaton, A.F. & Murphy, J. Using WordNet as a Knowledge Base for Measuring Conceptual Similarity between Words</p> <p>Seville, H. & Hancox, P. Phrase Structure in a Computational Model of Child Language Acquisition</p> <p>Shi, S., Hull, M.E.C. & Bell, D.A. Handling Uncertainty in Logic Programming</p> <p>Sutcliffe, R.F.E., O'Sullivan, D., Slater, B.E.A. & Brachyny, T. Traversing Wordnet to Create Optimised Semantic Lexical Representations</p> <p>Sutcliffe, R.F.E. & Slater, B.E.A. The Assessment of Two Algorithms for Disambiguation by Association</p> <p>Watson, T. A New Representation Technique for Genetic Algorithms</p>	<p>Pa</p>
Mike Brady Ruth Byrne Padraig Cunningham Mark Keane	Dept. of Computer Science, TCD Dept. of Psychology, TCD Dept. of Computer Science, TCD Dept. of Computer Science, TCD											
Jane Grimson Pete Hampson Gabriel McDermott	Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC											
Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale	University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD											
The Invited Speakers at the Conference were: David Rumelhart Lorenza Saitta	The Invited Speakers at the Conference were: David Rumelhart Stanford University University of Torino											
David Roddy Cowie Jane Grimson Pete Hampson Gabriel McDermott Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale	Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD											

Page 1	TCD-CS-94-08	Mar 21 1995 08:51:01	TCD-CS-94-08	Page 1					
<p>This is a book that is available from the Departmental Library for IRM-#8 including postage.</p> <p>TCD-CS-94-08 Keane, M.T., Brady, M., Cunningham, P. & Byrne, R. (Eds.) (1994). Artificial Intelligence & Cognitive Science '94. Dublin, Ireland: Dublin University Press (pp. 240; cost M-#8)</p> <p>Below is the list of contents and title pages:</p> <p>Preface</p> <p>This book contains the talks that were presented at the Seventh Irish Annual Conference on Artificial Intelligence & Cognitive Science which was held at Trinity College Dublin, Ireland on the 8th and 9th of September, 1994. The aims of this conference are to promote AI and Cognitive Science research in Ireland. The editors of this volume were the co-chairs of the conference:</p> <table> <tbody> <tr> <td>Mike Brady Ruth Byrne Padraig Cunningham Mark Keane</td> <td>Dept. of Computer Science, TCD Dept. of Psychology, TCD Dept. of Computer Science, TCD Dept. of Computer Science, TCD</td> </tr> <tr> <td>Jane Grimson Pete Hampson Gabriel McDermott</td> <td>Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC</td> </tr> <tr> <td>Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale</td> <td>University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD</td> </tr> <tr> <td>The Invited Speakers at the Conference were: David Rumelhart Lorenza Saitta</td> <td>The Invited Speakers at the Conference were: David Rumelhart Stanford University University of Torino</td> </tr> </tbody> </table> <p>Contents</p> <p>Al-Asady, R. Analogical Reasoning: A Nonmonotonic Inheritance Approach</p> <p>Braisby, N. The Perceptival Nature of Complex Concepts</p> <p>Cooper, R. & Franks, B. Constraints on Hybrid Symbolic/Connectionist Models of Cognition</p> <p>Cunningham, P. & Smyth, B. Case-Based Reasoning in Fault Diagnosis</p> <p>Davies, S.P. & Castell, A.M. Structuring Concurrent Descriptions of the Design Activity</p> <p>Dertmar, H.J., Johnson, R.G., Liu, X. & Phalp, J.M. The Acquisition and Application of Meta-Knowledge in the SCAMS System</p> <p>Doran, J. Modelling Collective Belief and Misbelief</p> <p>Galton, A. Lines of Sight</p> <p>HM-^J99, S. & Ygge, F</p>	Mike Brady Ruth Byrne Padraig Cunningham Mark Keane	Dept. of Computer Science, TCD Dept. of Psychology, TCD Dept. of Computer Science, TCD Dept. of Computer Science, TCD	Jane Grimson Pete Hampson Gabriel McDermott	Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC	Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale	University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD	The Invited Speakers at the Conference were: David Rumelhart Lorenza Saitta	The Invited Speakers at the Conference were: David Rumelhart Stanford University University of Torino	<p>Pa</p>
Mike Brady Ruth Byrne Padraig Cunningham Mark Keane	Dept. of Computer Science, TCD Dept. of Psychology, TCD Dept. of Computer Science, TCD Dept. of Computer Science, TCD								
Jane Grimson Pete Hampson Gabriel McDermott	Dept. of Computer Science, University of Ulster Dept. of Psychology, Queen's University Dept. of Computer Science, TCD Dept. of Applied Psychology, University College Cork CAPTEC								
Mike McTear Ronan Reilly Alan Sleatton Barry Smyth Humphrey Sorenson Richard Sutcliffe Tony Veale	University of Ulster at Jordanstown Dept. of Computer Science, University College Dublin Dept. of Computer Applications, Dublin City University Hitachi Dublin Laboratory, TCD Dept. of Computer Science, University College Cork Dept. of Computer Applications, University College of Limerick Hitachi Dublin Laboratory, TCD								
The Invited Speakers at the Conference were: David Rumelhart Lorenza Saitta	The Invited Speakers at the Conference were: David Rumelhart Stanford University University of Torino								