

Lecture Notes in Artificial Intelligence

838

Subseries of Lecture Notes in Computer Science

Edited by J. G. Carbonell and J. Siekmann

Lecture Notes in Computer Science

Edited by G. Goos and J. Hartmanis



Craig MacNish David Pearce
Luís Moniz Pereira (Eds.)

Logics in Artificial Intelligence

European Workshop JELIA '94
York, UK, September 5-8, 1994
Proceedings

Springer-Verlag

Berlin Heidelberg New York
London Paris Tokyo
Hong Kong Barcelona
Budapest

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CR Subject Classification (1991): I.2, F.3-4

ISBN 3-540-58332-7 Springer-Verlag Berlin Heidelberg New York

ISBN 0-387-58332-7 Springer-Verlag New York Berlin Heidelberg

CIP data applied for

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Printed in Germany

Typesetting: Camera ready by author

SPIN: 10475396 45/3140-543210 - Printed on acid-free paper

Preface

Logics have, for many years, laid claim to providing a formal basis for the study of artificial intelligence. With the depth and maturity of formalisms and methodologies available today, this claim is stronger than ever.

The European Workshops on Logics in AI (or *Journées Européennes sur la Logique en Intelligence Artificielle* — JELIA) began in response to the need for a European forum for discussion of emerging work in this growing field. JELIA'94 follows previous Workshops held in Roscoff, France (1988), Amsterdam, the Netherlands (1990), and Berlin, Germany (1992).

JELIA'94 is taking place in York, England, from 5–8 September, 1994. The Workshop is hosted by the Intelligent Systems Group in the Department of Computer Science at the University of York. Additional sponsorship for the 1994 Workshop is provided by the ESPRIT NOE COMPULOG-NET, ACM SIGART, the Association for Logic Programming—UK Branch (ALP-UK) and the German Informatics Society (GI).

This volume contains the papers selected for presentation at the Workshop along with papers and abstracts from the invited speakers. The increasing importance of the subject was reflected in the submission of 79 papers, from which 24 were selected. Each paper was reviewed by at least 3 referees. We would like to thank all authors and invited speakers for their contributions.

Organisation of the Workshop and the selection of papers was carried out by the Organising Committee consisting of Craig MacNish (Workshop Chair), David Pearce (Programme Co-chair) and Luís Moniz Pereira (Programme Co-chair) together with the Programme Committee consisting additionally of Carlo Cellucci, Luis Farinas del Cerro, Phan Minh Dung, Jan van Eijck, Patrice Enjalbert, Ulrich Furbach, Dov Gabbay, Antony Galton, Michael Gelfond, Vladimir Lifschitz, Victor Marek, Bernhard Nebel, Wolfgang Nejdl and Hans Rott.

Further help in reviewing papers was provided by the additional referees listed overleaf. We would like to extend our thanks to all referees for their valuable assistance.

We would also like to thank the Departments of Computer Science at the University of York, England and Universidade Nova de Lisboa, Portugal, for the provision of facilities, and Antonis Kaniclides and Karen Mews for help with the organisation of the Workshop. Finally we would like to thank Jörg Siekmann, Alfred Hofmann and Springer-Verlag for their assistance in the production of this volume.

June 1994

Craig MacNish
Luís Moniz Pereira
David Pearce

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