Lecture Notes in Artificial Intelligence 4788

Edited by J. G. Carbonell and J. Siekmann

Subseries of Lecture Notes in Computer Science

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Current Topics in Artificial Intelligence

12th Conference of the Spanish Association for Artificial Intelligence, CAEPIA 2007
Salamanca, Spain, November 12-16, 2007
Selected Papers

Springer

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Library of Congress Control Number: 2007938154

CR Subject Classification (1998): I.2, F.4.1, F.1

LNCS Sublibrary: SL 7 – Artificial Intelligence

ISSN 0302-9743
ISBN-10 3-540-75270-6 Springer Berlin Heidelberg New York
ISBN-13 978-3-540-75270-7 Springer Berlin Heidelberg New York

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© Springer-Verlag Berlin Heidelberg 2007
Printed in Germany

Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India
Printed on acid-free paper SPIN: 12166305 06/3180 5 4 3 2 1 0

Preface

This volume presents a selection of papers accepted for presentation at the 12th Conference of the Spanish Association for Artificial Intelligence and its associated Conference on Technology Transfer on Artificial Intelligence (CAEPIA/TTIA 2007) held in Salamanca in November 2007. Since its foundation in 1983, the goal of the Spanish Association for Artificial Intelligence (AEPIA) has been to promote AI in Spain within both academia and industry. As from 1985, AEPIA has organized a biennial conference, which has so far been held in Madrid, Alicante, Málaga, Murcia, Gijón, Donostia and Santiago de Compostela.

Two other main objectives of AEPIA have been to establish and keep relationships with other national and international organizations in the AI field and to promote the exchange of information and/or experiences among AI researchers. The first objective was accomplished when AEPIA became a member of ECCAI (European Coordinating Committee for Artificial Intelligence) and a founder member of IBERAMIA (Iberoamerican Conference on Artificial Intelligence). With the second objective in mind, the quality of the CAEPIA/TTIA conference was raised to meet the usual international standards by focusing on international committees, participants and invited speakers. In 2003, an important step in this direction was taken with the publication of a volume of selected papers from the conference written in English, with the aim of boosting a more fruitful exchange of ideas within the international AI scientific community.

In this edition of CAEPIA/TTIA we wanted to focus on improving the international character of the Program Committee (PC), rewarding the most mature papers through their publication in this volume, and fostering the interaction of researchers by accepting more papers to be presented as short presentations. CAEPIA/TTIA 2007 received 134 submissions from 10 different countries. The PC consisted of 120 members from 18 different countries (66% from Spain and 34% from other countries). Papers were accepted either for long presentation (28 papers, 21% of submissions) or short presentation (51 papers). The first ones are the ones that have been selected to be published in this volume.

The editors would like to acknowledge the work of the members of the PC in reviewing and discussing the papers. Also, we would like to thank the invited speakers and all the researchers, who contributed with their valuable work to the high scientific level of the conference. Special thanks to the members of the Organization Committee at the University of Salamanca, and to AEPIA and Springer for making the conference a success.

July 2007

Daniel Borrajo
Luis Castillo
Juan Manuel Corchado

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CAEPIA/TTIA 2007 was organized by the Biomedicine, Intelligent Systems and Educational Technology (BISITE) Group, Universidad de Salamanca, in cooperation with AEPIA, and the Universidad de Salamanca.

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