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Preface

IBERAMIA is the international conference series of the Ibero-American Artificial Intelligence community that has been meeting every two years since the 1988 meeting in Barcelona. The conference is supported by the main Ibero-American societies of AI and provides researchers from Portugal, Spain, and Latin America the opportunity to meet with AI researchers from all over the world. Since 1998, IBERAMIA has been a widely recognized international conference, with its papers written and presented in English, and its proceedings published by Springer in the LNAI series.

This volume contains the papers accepted for presentation at Iberamia 2008, held in Lisbon, Portugal in October 2008. For this conference, 147 papers were submitted for the main track, and 46 papers were accepted. Each submitted paper was reviewed by three members of the Program Committee (PC), coordinated by an Area Chair. In certain cases, extra reviewers were recruited to write additional reviews. The list of Area Chairs, PC members, and reviewers can be found on the pages that follow.

The authors of the submitted papers represent 14 countries with topics covering the whole spectrum of themes in AI: robotics and multiagent systems, knowledge representation and constraints, machine learning and planning, natural language processing and AI applications.

The program for Iberamia 2008 also included three invited speakers: Christian Lemaitre (LANIA, México), R. Michael Young (NCSU, USA) and Miguel Dias (Microsoft LDMC, Lisbon) as well as five workshops.

The IBERAMIA Conference series is coordinated by the Executive Committee of IBERAMIA. This committee is in charge of planning and supervising the conferences, and its members are elected by the IBERAMIA board which is made up of representatives from the following national AI associations: AEPIA (Spain), APPIA (Portugal), SBC (Brazil), and SMIA (Mexico).

We would like to thank all the people who helped bring about Iberamia 2008. First of all, the contributing authors, for ensuring the high scientific standard of the conference and their cooperation in the preparation of this volume. Second, the Area Chairs, PC members, and reviewers whose participation was crucial for assessing the papers, providing the authors with feedback, and recommending the papers to be accepted for the main program and in this volume. Some of the Area Chairs and PC members went well beyond their duties and provided their help up to the last minute with papers requiring additional reviews or opinions. While the list is longer, in this regard, we would like to make special mention of Lluis Marquez. Last but not last, we are grateful to the IBERAMIA Executive Committee, and in particular to its current Secretary, Francisco Garijo, for the advice and for keeping the conference series alive and healthy.

We also would like to thank the IBERAMIA 2008 sponsoring organizations: ISCTE - Lisbon University Institute, Fundação para a Ciência e Tecnologia (FCT), Associação Portuguesa para a Inteligência Artificial (APPIA), Asociación Española de la Inteligencia Artificial (AEPIA), and Microsoft.

October 2008

Hector Geffner
Rui Prada
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Organization

The 11th Ibero-American Conference on Artificial Intelligence (IBERAMIA) was held in Lisbon, Portugal, October 14–17, 2008, and was organized by ADETTI/ISCTE (Associação para o Desenvolvimento das Telecomunicações e Técnicas de Informática) and ISCTE (Lisbon University Institute).

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