Preface

The Mexican International Conference on Artificial Intelligence (MICAI), a yearly international conference series organized by the Mexican Society for Artificial Intelligence (SMIA), is a major international AI forum and the main event in the academic life of the country’s growing AI community. Since founded, the conference has been growing in popularity and improving quality.

This volume contains the papers presented at the Special Session of the Eighth Mexican International Conference on Artificial Intelligence, MICAI 2009, held November 9-13, 2009, in Guanajuato, Guanajuato, Mexico. For the Special Session, 152 submissions by 451 authors from 21 countries were considered. This volume contains revised versions of 31 papers selected according to the results of an international reviewing process. The acceptance rate was hence 20.4%. This book is structured into seven thematic fields, namely:

- Soft Computing
- Robotics, Computer Vision and Image Processing
- Multi-agent Systems and Distributed AI
- Natural Language Processing
- Machine Learning
- Logic, Reasoning, Planning and Scheduling
- Ontology, Knowledge Management and Knowledge-Based Systems

The conference featured excellent keynote lectures by leading AI experts:

- Patricia Melin, México
- Dietter Hutter, Germany
- Josef Kittler, United Kingdom
- Ramón López de Mantaras, Spain
- José Luis Marroquín, México

In addition to the oral technical sessions and keynote lectures, the conference program included tutorials, workshops, and a poster session, which were published in a separate proceedings volumes.

We thank all the people involved in the organization of this conference. In the first place the authors of the papers of this book. We thank the members of the program committee and additional reviewers whose great work made possible the excellent collection of papers for this volume. We would also like to thank the general director of Consejo de Ciencia y Tecnología de Guanajuato, Dr. Pedro Luis López de Alba, for his invaluable support. Also our thanks go to Dr. Ramiro Rico, project director at Consejo de Ciencia y Tecnología de Guanajuato. We appreciate the collaboration of the Office of Art and Culture of Guanajuato, and the assistance of the Municipality of Guanajuato City. Our gratitude also goes to the local committee at the Centro de Investigación en Matemáticas.

We thank Andrei Voronkov, the creator of EasyChair (www.easychair.org), within which we ran the submission and reviewing process. Last but not least, we are deeply grateful to the IEEE staff and especially to Juan Guerrero for their great patience and help in editing this volume.

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