Preface
MICAI 2013

The Mexican International Conference on Artificial Intelligence (MICAI) is a yearly international conference series organized by the Mexican Society of Artificial Intelligence (SMIA) since 2000. MICAI is a major international Artificial Intelligence (AI) forum and the main event in the academic life of the country's growing AI community.

MICAI conferences traditionally publish high-quality papers in all areas of Artificial Intelligence and its applications. This book contains the papers of MICAI 2013 Special Session, which have been peer-reviewed by the international Program Committee representing 38 countries. Total of 199 submissions from 43 countries were considered for the Special Session, of which 40 papers were selected upon rigorous review by the International Program Committee. The acceptance rate for the Special Session therefore was 20.1%.

This book contains 40 papers structured into nine sections:

- Logic, Knowledge-Based Systems, and Multi-Agent Systems
- Robotics, Planning, and Scheduling
- Evolutionary and Nature-Inspired Metaheuristic Algorithms
- Neural Networks and Hybrid Intelligent Systems
- Machine Learning and Pattern Recognition
- Data Mining
- Natural Language Processing
- Intelligent Tutoring Systems
- Bioinformatics and Medical Applications

The book is of interest for researchers in all fields of AI, students specializing in related topics and for general public interested in the development in AI.

We want to thank all people involved in the organization of this conference. In the first place, these are the authors of the papers published in this book: it is their research work that gives value to the book and to the work of the organizers. We thank track chairs for their hard work, the Program Committee members and additional reviewers for their great effort spent on reviewing the submissions.

We are grateful to Dr. Salvador Vega y León, the Rector General of the Universidad Autónoma Metropolitana (UAM), Dr. Romualdo López Zárate, the Rector of the UAM Azcapotzalco, Dr. Luis Enrique Noreña Franco, Director of the Fundamental Science and Engineering Division, M. Sc. Rafaela Blanca Silva López, Head of the Systems Department, M. Sc. Roberto Alcántara Ramírez, Head of the Electronics Department, and Dr. David Elizarraraz Martinez, Head of the Fundamental Science Department, for their invaluable support of MICAI and for providing the infrastructure for the keynote talks, tutorials and workshops, and to all personnel of UAM Azcapotzalco for their warm hospitality and hard work, as well as for their active participation in the organization of this conference. We greatly appreciate the generous sponsorship provided by the Mexican Government via the Museo Nacional de Antropología, Instituto Nacional de Antropología e Historia (INAH).

We are deeply grateful to the conference staff and to all members of the Local Committee headed by Dr. Oscar Herrera Alcántara. We gratefully acknowledge support received from the following projects:
WIQ-EI (Web Information Quality Evaluation Initiative, European project 269180), PICCO10-120 (ICYT, Mexico City Government), and CONACYT-DST (India) project “Answer Validation through Textual Entailment”. The entire submission, reviewing, and selection process, as well as preparation of the proceedings, were supported for free by the EasyChair system (www.easychair.org).

Félix Castro
Alexander Gelbukh
Miguel González Mendoza
MICAI 2013 Program Chairs