

Preface

Artificial Intelligence has failed to accomplish at least two highly significant predictions as we enter the new millennium. The English mathematician Alan Mathison Turing predicted that by the year 2000 we would have a machine that could pass the Turing test. The film “2001: A Space Odyssey”, portrayed an intelligent computer named HAL which, among other things, was able to speak and understand English, and even read the lips of humans having a conversation. Such a machine would be created, according to Arthur C. Clarke, by the year 1997. We have reached the year 2002 and neither of these two predictions have been fulfilled. However, there have been many significant achievements in artificial intelligence and several new challenges are now on the horizon.

Two years ago, we held the first Mexican International Conference on Artificial Intelligence, MICAI 2000, which took place on April 11–14, 2000, in the city of Acapulco, México. After a first highly successful conference, we are pleased to introduce the second Mexican International Conference on Artificial Intelligence, MICAI 2002, which took place on April 22–26 in Mérida, Yucatán, México. The main aim of the conference was to promote research in AI, and cooperation among Mexican researchers and their peers worldwide.

As a historical note, it is worth mentioning that MICAI originated from the union of the Mexican National AI Conference (RNIA) and the International AI Symposium (ISA), organized annually by the Mexican Society for AI (SMIA, since 1984) and by the Monterrey Institute of Technology (ITESM, since 1988), respectively.

Over 85 papers (in English) from 17 different countries were submitted for consideration to MICAI 2002. After a thorough review process, MICAI’s program committee and the program chairs accepted 56 high-quality papers which are included in these proceedings.

We would like to acknowledge the support of the American Association for Artificial Intelligence (AAAI), and the International Joint Conference on Artificial Intelligence (IJCAI). We are especially grateful for the warm hospitality and generosity offered by the Universidad Autónoma de Yucatán (UADY) and the Universidad Mesoamericana de San Agustín (UMSA).

A special word of thanks goes to the members of the advisory board, the members of the program committee, our sponsors, and our support staff.

Last but not least, we warmly thank all of the attendants to the conference for their participation.

April 2002

Carlos A. Coello Coello
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Organization

MICAI 2002 was organized by the Mexican Society for Artificial Intelligence and the Universidad Autónoma de Yucatán (UADY), and the Universidad Mesoamericana de San Agustín (UMSA).

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TAIINA – Workshops on AI

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 International Joint Conference on Artificial Intelligence
 The Mexican Society for Computer Science

Supporting Institutions

CINVESTAV-IPN, UADY, UMSA, ITESM, ITAM, CIC-IPN, IIE, Universidad del Mayab, Estratel, FT Software.

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