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Modeling Decisions for Artificial Intelligence

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Preface

This volume contains papers presented at the 3rd International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2006), held in Tarragona, Catalonia, Spain, April 3-5, 2006. This conference followed MDAI 2004 (held in Barcelona, Catalonia) and MDAI 2005 (held in Tsukuba, Japan) both with proceedings also published in the LNAI series (Vols. 3131 and 3558).

The aim of this conference was to provide a forum for researchers to discuss theory and tools for modeling decisions, as well as applications that encompass decision-making processes and information fusion techniques.

The organizers received 97 papers from 21 different countries, 31 of which are published in this volume. Each submission received at least two reviews from the Program Committee and a few external reviewers. We would like to express our gratitude to them for their work. The plenary talks presented at the conference are also included in this volume.

The conference was supported by the Universitat Rovira i Virgili (School of Engineering and the Department of Computer Engineering and Mathematics), the CSIC, the Department of Risk Engineering (U. Tsukuba), the Catalan Association for Artificial Intelligence (ACIA), the European Society for Fuzzy Logic and Technology (EUSFLAT), the Japan Society for Fuzzy Theory and Intelligent Informatics (SOFT), the Generalitat de Catalunya (AGAUR 2004XT 0004), the Ajuntament de Tarragona, the Diputació de Tarragona and the Spanish Ministry of Science and Education.

December, 2005

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