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Modeling Decisions for Artificial Intelligence

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Preface

This volume contains papers presented at the 9th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2012), held in Girona, Catalonia, Spain, November 21–23, 2012. This conference followed MDAI 2004 (Barcelona, Catalonia), MDAI 2005 (Tsukuba, Japan), MDAI 2006 (Tarragona, Catalonia), MDAI 2007 (Kitakyushu, Japan), MDAI 2008 (Sabadell, Catalonia), MDAI 2009 (Awaji Island, Japan), MDAI 2011 (Perpinyà, Catalonia, France), and MDAI 2012 (Changsha, China) with proceedings also published in the LNAI series (Vols. 3131, 3558, 3885, 4617, 5285, 5861, 6408, and 6820).

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 49 papers from 17 different countries, from Europe, Asia, and Australia, 32 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 Institut d'Informàtica i Aplicacions de la Universitat de Girona, the Fundació Privada: Girona, Universitat i Futur, the Universitat de Girona, 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 UNESCO Chair in Data Privacy, the China Computer Federation, the Spanish MINECO (TIN2011-15580-E), and the Spanish MEC (ARES - CONSOLIDER INGENIO 2010 CSD2007-00004).

September 2012

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