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Foundations of Intelligent Systems

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Preface

This volume contains the papers selected for presentation at the 15th International Symposium on Methodologies for Intelligent Systems, ISMIS 2005, held in Saratoga Springs, New York, 25–28 May, 2005. The symposium was organized by SUNY at Albany. It was sponsored by the Army Research Office and by several units of the University at Albany including its Division for Research, College of Arts and Sciences, Department of Computer Science, and Institute for Informatics, Logics, and Security Studies (formerly the Institute for Programming and Logics). ISMIS is a conference series that was started in 1986 in Knoxville, Tennessee. Since then it has been held in Charlotte (North Carolina), Knoxville (Tennessee), Turin (Italy), Trondheim (Norway), Warsaw (Poland), Zakopane (Poland), Lyon (France), and Maebashi City (Japan).

The Program Committee selected the following major areas for ISMIS 2005: intelligent information systems, knowledge discovery and data mining, knowledge information and integration, knowledge representation, logic for artificial intelligence, soft computing, Web intelligence, Web services, and papers dealing with applications of intelligent systems in complex/novel domains.

The contributed papers were selected from almost 200 full draft papers by the Program Committee members: Troels Andreassen, Peter Baumgartner, Boualemn Benatallah, Salima Benbernou, Veronique Benzaken, Petr Berka, Elisa Bertino, Alan Biermann, Jacques Calmet, Sandra Carberry, Juan Carlos Cubero, Luigia Carlucci Aiello, Shu-Ching Chen, Christine Collet, Agnieszka Dardzinska, Ian Davidson, Robert Demolombe, Jitender Deogun, Jon Doyle, Tapio Elomaa, Attilio Giordana, Jerzy Grzymala-Busse, Mirsad Hadzikadic, Reiner Haehnle, Janusz Kacprzyk, Vipul Kashyap, Jan Komorowski, Jacek Koronacki, Tsau Young Lin, Donato Malerba, David Maluf, Davide Martinenghi, Stan Matwin, Natasha Noy, Werner Nutt, James Peters, Jean-Marc Petit, Vijay Raghavan, Jan Rauch, Gilbert Ritschard, Erik Rosenthal, Marie-Christine Rousset, Nahid Shahmehri, Andrzej Skowron, Dominik Slezak, Nicolas Spyrtatos, V.S. Subrahmanian, Einoshin Suzuki, Domenico Talia, Yuzuru Tanaka, Farouk Toumani, Athena Vakali, Takashi Washio, Alicja Wierzchowska, Xindong Wu, Xintao Wu, Ronald Yager, Yiyu Yao, and Saygin Yucel.

The list of additional reviewers: Johan Aberg, Marie Agier, Lefteris Angelis, Annalisa Appice, Khalid Belhajjame, Margherita Berardi, Patrick Bosc, Henrik Bulskov, Franck Capello, Costantina Caruso, Michelangelo Ceci, Min Chen, Ioan Chisalita, Laurence Cholvy, Dario Colazzo, Carmela Comito, Antonio Congiusta, Frédéric Cuppens, Anusch Daemi, Fabien De Marchi, Elizabeth Diaz, Devdatt Dubhashi, Peter Gammie, Arnau Giacometti, Martin Giese, Paul Goutam, Gianluigi Greco, Samira Hammiche, Thomas Herault, Seung Hyun Im, Kimihito Ito, Mikhail Jiline, Kristofer Johannisson, Fabrice Jouanot, Matti Kääriäinen, Svetlana Kiritchenko, Rasmus Knappe, Lotfi Lakhal, Patrick Lambrix, Tine Lassen, Anne Laurent, Dominique Laurent, Alexandre Lefebvre, João Fernando Lima Alcantara, Gabriela Lindemann, Yann Loyer, James Lu, Perry Mar, Carlo Mastroianni, Mirjam Minor, Dagmar Monett,

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We wish to express our thanks to all ISMIS 2005 reviewers and to Alan Biermann, Jaime Carbonell, and Salvatore Stolfo who presented invited talks at the symposium. We express our appreciation to the sponsors of the symposium and to all who submitted papers for presentation and publication in the proceedings. Our sincere thanks go Floriana Esposito, David Hislop, Robert Meersman, Hiroshi Motoda, Raghu Ramakrishnan, Zbigniew Ras (Chair), Lorenza Saitta, Maria Zemankova, Djamel Zighed, and Ning Zhong who served as members of the ISMIS 2005 Steering Committee, and to both Adrian Tanasescu who was responsible for the website and submission site management and Lynne Casper who worked on all aspects of local arrangements. Also, our thanks are due to Alfred Hofmann of Springer for his continuous support.

February, 2005

M.-S. Hacid, N.V. Murray, Z.W. Raś, S. Tsumoto

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