

# Preface

This volume contains the papers selected for presentation at the Twelfth International Symposium on Methodologies for Intelligent Systems - ISMIS 2000, held in Charlotte, N.C., 11–14 October, 2000. The symposium was co-organized by the College of Information Technology at UNC-Charlotte and the Polish-Japanese Institute of Information Technology. It was sponsored by the US Army Research Office, NCR Data Mining Laboratory, College of IT at UNC-Charlotte, and others.

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), Torino (Italy), Trondheim (Norway), Warsaw (Poland), and Zakopane (Poland).

The program committee selected the following major areas for ISMIS 2000: Evolutionary Computation, Intelligent Information Retrieval, Intelligent Information Systems, Knowledge Representation and Integration, Knowledge Discovery and Learning, Logic for Artificial Intelligence, and Methodologies.

The contributed papers were selected from 112 full draft papers by the following program committee: A. Biermann, P. Bosc, J. Calmet, S. Carberry, N. Cercone, J. Chen, W. Chu, B. Croft, J. Debenham, S.M. Deen, K. DeJong, R. Demolombe, B. Desai, T. Elomaa, F. Esposito, A. Giordana, J. Grzymala-Busse, M. Hadzikadic, H. Hamilton, D. Hislop, K. Hori, W. Kloesgen, Y. Kodratoff, J. Komorowski, J. Koronacki, W. Kosinski, R. Kostoff, B.G.T. Lowden, D. Maluf, D. Malerba, R.L. de Mantaras, S. Matwin, R. Meersman, Z. Michalewicz, R. Michalski, R. Mizoguchi, M. Mukaidono, L. De Raedt, V. Raghavan, E. Rosenthal, L. Saitta, A. Skowron, V.S. Subrahmanian, S. Tsumoto, T. Yamaguchi, G.P. Zarri, M. Zemankova, N. Zhong, J.M. Zytkow. Additionally, we acknowledge the help in reviewing papers from: E. El-Kwae, S. Ferilli, M. Kryszkiewicz, and A. Wiczkowska.

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