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Foundations of Intelligent Systems

11th International Symposium, ISMIS'99
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Preface

This volume contains the papers selected for presentation at the Eleventh International Symposium on Methodologies for Intelligent Systems - ISMIS'99, held in Warsaw, Poland, June 8-11, 1999. The symposium was organized and hosted by the Institute of Computer Science of the Polish Academy of Sciences (ICS PAS). It was sponsored by UNC-Charlotte, ICS PAS, the Polish-Japanese School of Information Technology, 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), and Zakopane (Poland).

The program committee selected the following major areas for ISMIS'99: Evolutionary Computation, Intelligent Information Retrieval, Intelligent Information Systems, Knowledge Representation and Integration, Learning and Knowledge Discovery, Logic for Artificial Intelligence, Methodologies, and Soft Computing.

The contributed papers were selected from 115 full draft papers by the following program committee: S. Carberry, L. Carlucci Aiello, A. Biermann, J. Calmet, J. Carbonell, N.J. Cercone, S.M. Deen, R. Demolombe, B. Desai, E. Dietrich, J. Eusterbrock, A. Giordana, H.J. Hamilton, A. Jankowski, W. Klösgen, Y. Kodratoff, B. Lowden, M. Lowry, D. Maluf, R.A. Meersman, M. Michalewicz, Z. Michalewicz, R.S. Michalski, M. Mukaidono, S. Ohsuga, L. Padgham, Z. Pawlak, L. De Raedt, V.V. Raghavan, Z.W. Raś, E. Rosenthal, H. Rybiński, L. Saitta, A. Skowron, S. Tsumoto, R. Slowiński, S.K.M. Wong, G.-P. Zarri, M. Zemankova, N. Zhong, and J.M. Żytkow. Additionally, we acknowledge the help in reviewing the papers from: J. Chen, J.W. Grzymała-Busse, M. Kryszkiewicz, M. Merzbacher, S.H. Nguyen, R. Świniarski, A. Wieczorkowska and W. Ziarko.

P. Dembiński was the general chair of the symposium.

We wish to express our thanks to Willi Klösgen, Yves Kodratoff, Robert A. Meersman, V.S. Subrahmanian, and Gio Wiederhold who presented invited talks at the symposium. Also, we are thankful to Z. Michalewicz for organizing two special sessions on Evolutionary Computation. 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 to Ewa Gašiorowska-Wirpszo for her professional help in organizing the symposium. Also, our thanks are due to Alfred Hofmann of Springer-Verlag for his continuous help and support.

June, 1999

Z.W. Raś, A. Skowron
ISMIS'99 Program Co-Chairs

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