

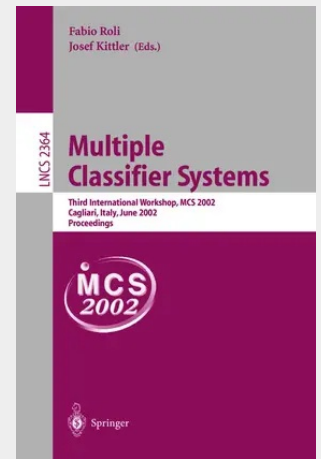
## Multiple Classifier Systems

Third International Workshop, MCS 2002, Cagliari, Italy, June 24-26, 2002. Proceedings

The acknowledgment of the fundamental role that the creation of a common international forum for researchers of the diverse communities could play for the advancement of this research?eld motivated the present series of workshops on multiple classifier systems. Following its predecessors, Multiple Classifier Systems 2000 (Springer ISBN 3-540-67704-6) and 2001 (Springer ISBN 3-540-42284-6), this volume contains the proceedings of the Third International Workshop on Multiple Classifier Systems (MCS 2002), held at the Grand Hotel Chia Laguna, Cagliari, Italy, on June 24-26, 2002. The 29 papers selected by the scientific committee have been organized in sessions dealing with bagging and boosting, ensemble learning and neural networks, combination strategies, design methodologies, analysis and performance evaluation, and applications. The workshop program and this volume are enriched with three invited talks given by Joydeep Ghosh (University of Texas, USA), Trevor Hastie (Stanford University, USA), and Sarunas Raudys (Vilnius Gediminas Technical University, Lithuania). Papers were submitted from researchers of the four diverse communities, so confirming that this series of workshops can become a common forum for exchanging views and reporting latest research results. As for the previous editions, the significant number of papers dealing with real pattern recognition applications are proof of the practical utility of multiple classifier systems. This workshop was supported by the University of Cagliari, Italy, the University of Surrey, Guildford, United Kingdom, and the Department of Electrical and Electronic Engineering of the University of Cagliari. All these supports are gratefully acknowledged. We also thank the International Association for Pattern Recognition and its Technical Committee TC1 on Statistical Pattern Recognition Techniques for sponsoring MCS 2002. We wish to express our appreciation to all those who helped to organize MCS 2002. First of all, we would like to thank all the members of the Scientific Committee whose professionalism was instrumental in creating a very interesting technical program. Special thanks are due to the members of the Organizing Committee, Giorgio Fumera, Giorgio Giacinto, and Gianluca Marcialis for their indispensable contribution to the MCS 2002 web site management, local organization, and proceedings preparation. April 2002

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