

# Preface

This book contains the extended and revised versions of a set of selected papers from the second International Conference on Pattern Recognition (ICPRAM 2013), held in Barcelona, Spain, from 15 to 18 February 2013.

ICPRAM was organized by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC) and was held in cooperation with the Association for the Advancement of Artificial Intelligence (AAAI).

The hallmark of this conference was to encourage theory and practice to meet at a single venue. The International Conference on Pattern Recognition Applications and Methods aims at becoming a major point of contact between researchers, engineers, and practitioners in the areas of Pattern Recognition. The focus is on contributions describing applications of Pattern Recognition techniques to real-world problems, interdisciplinary research, experimental and/or theoretical studies yielding new insights that advance Pattern Recognition methods. The final ambition is to spur new research lines and provide the occasion to start novel collaborations, most of all in interdisciplinary research scenarios. In fact, in many respects, there is still a frequent distance between more theoretical and more application-oriented researchers. However, theory finds a significant test bed in practical applications, while any technological design must rely on solid theoretical foundations.

The second edition of ICPRAM received 180 paper submissions from 43 countries, in all continents. This result is encouraging in itself since it testifies the interest of the research community in the cultural project sketched above. To evaluate each submission, a double-blind paper review was performed by the Program Committee, whose members are highly qualified researchers in ICPRAM topic areas. Based on the classifications provided, only 66 papers were selected for oral presentation (23 full papers and 43 short papers) and 40 papers were selected for poster presentation. The full paper acceptance ratio was about 13 %, and the

total oral acceptance ratio (including full papers and short papers) was close to 37 %. These strict acceptance ratios show the intention to preserve a high-quality forum which we expect to grow over the next years.

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