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Structural, Syntactic, and Statistical Pattern Recognition

Joint IAPR International Workshops
SSPR 2006 and SPR 2006
Hong Kong, China, August 17-19, 2006
Proceedings

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Preface

This volume in the Springer *Lecture Notes in Computer Science* (LNCS) series contains 103 papers presented at S+SSPR 2006, which was the fifth time that the SPR and SSPR workshops organized by Technical Committees TC1 and TC2 of the International Association for Pattern Recognition (IAPR) were held together as joint workshops. It was also the first time that the joint workshops were held in the Far East, at the beautiful campus of the Hong Kong University of Science and Technology (HKUST), on August 17–19, 2006, right before the 18th International Conference on Pattern Recognition (ICPR 2006), also held in Hong Kong.

SPR 2006 and SSPR 2006 together received 217 paper submissions from 33 countries. This volume contains 99 accepted papers, with 38 for oral presentation and 61 for poster presentation. In addition to parallel oral sessions for SPR and SSPR, there were also some joint oral sessions with papers of interest to both the SPR and SSPR communities. A recent trend that has emerged in the pattern recognition and machine learning research communities is the study of graph-based methods that integrate statistical and structural approaches. For this reason, a special joint session on graph-based methods was co-organized by Technical Committee TC15 to explore new research issues in this topic. Moreover, invited talks were presented by four prominent speakers: Robert P.W. Duin from Delft University of Technology, The Netherlands, winner of the 2006 Pierre Devijver Award; Tin Kam Ho from Bell Laboratories of Lucent Technologies, USA; Thorsten Joachims from Cornell University, USA; and B. John Oommen from Carleton University, Canada.

We would like to take this opportunity to thank all members of the SPR and SSPR Program Committees and the additional reviewers for their professional support in reviewing the submitted papers. We thank all the Advisory Committee members, Shun-ichi Amari, Terry Caelli, Robert P.W. Duin, Anil K. Jain, Erkki Oja, Harry Shum, and Tieniu Tan, for their invaluable advice on organizing this event. We also thank all the authors, the invited speakers, the Organizing Committee members, the sponsors, and the editorial staff of Springer for helping to make this event a success and helping to produce this high-quality publication in the LNCS series.

August 2006

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S+SSPR 2006

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