Preface

Behavior and social sciences are increasingly recognized as a key component in business intelligence and problem-solving. Behavior and social informatics and computing (BSIC) has emerged as a new scientific field that studies effective methodologies, techniques, and technical tools for representing, modeling, analyzing, understanding, and managing human behaviors and social characteristics, and for disclosing deep behavior and social intelligence for improved decision-making and business values.

This book constitutes the proceedings of the 2013 International Workshop on Behavior and Social Informatics and Computing (BSIC 2013) held in conjunction with IJCAI 2013 (Beijing, China); the 2013 International Workshop on Behavior and Social Informatics (BSI 2013) was held jointly with the Workshop on Understanding Collective Behaviors in Complex Networks (UCBCN 2013) in conjunction with PAKDD 2013 (Gold Coast, Australia).

The papers in this volume give an indication of recent advances in behavior and social informatics (BSI). It is an exciting and emerging interdisciplinary area in which a wide range of techniques and methods are being studied for behavior/social-oriented analyses including behavioral and social interaction and networks, behavioral/social patterns, behavioral/social impacts, the formation of behavioral/social-oriented groups and collective intelligence, and behavioral/social intelligence emergence.

The series of workshops aims to increase potential collaborations and partnerships by bringing together academic researchers and industry practitioners from data mining, statistics and analytics, business and marketing, finance and politics, and behavioral, social and psychological sciences with the objectives of presenting updated research efforts and progress on foundational and emerging interdisciplinary topics of BSI, exchanging new ideas, and identifying future research directions.

The two workshops received 58 submissions. Each submitted paper was reviewed by three members of the Program Committee. Following the independent review, there were discussions among the reviewers. When necessary, additional reviews were requested. A total of 23 papers were selected for these proceedings, yielding an acceptance rate of 40%.

In addition to accepted papers, we were honored with the presence of five outstanding keynote speakers, namely, Prof. Hiroshi Motoda and Prof. Yanchun Zhang for BSI-UCBCN 2013, and Prof. Daniel Zeng, Prof. Qiang Yang, Prof Irwin King, and Prof. Longbing Cao for BSIC 2013.

The success of this series of workshops depends largely on support and cooperation from many individuals and organizations. We would like to take this opportunity to thank the authors, the Program Committee members, external reviewers, and our volunteer students for offering their time and effort to make

this series of workshops successful and enjoyable. We extend our sincere grati-
tude to the IJCAI 2013 and PAKDD 2013 Conference Organizing Committees
for accepting our workshops in such premier venues. Last but not the least, we
would like to thank Springer for their assistance in publishing this proceedings
as a single volume in its LNAI series.

October 2013   Longbing Cao
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