Preface

Significant effort has been made to advance informatics for healthcare and health-care applications. Emphasis is increasingly being placed on transforming reactive care to proactive and preventive care, clinic-centric to patient-centered practice, training-based interventions to globally aggregated evidence, and episodic response to continuous well-being monitoring and maintenance.

The 2013 International Conference for Smart Health (ICSH) was organized to develop a platform for authors to discuss fundamental principles, algorithms or applications of intelligent data acquisition, processing and analysis of healthcare data. We are pleased that many high-quality papers were submitted, including technical contributions, accompanied by evaluation with real-world data or application contexts. The work presented at the conference encompassed a healthy mix of computer science, medical informatics, and information systems approaches.

ICSH 2013 was held in Beijing, China. The 1.5-day event, including presentations of 15 papers, was co-located with the 23rd International Joint Conference on Artificial Intelligence (IJCAI 2013).

The organizers of ICSH 2013 would like to thank the conference sponsors for their support and sponsorship, including the Chinese Academy of Sciences, Chinese Military Academy of Health Sciences, Beijing Centers for Disease Control and Prevention (CDC), and University of Arizona. We also greatly appreciate the following technical co-sponsors: the Institute of Electrical and Electronics Engineers (IEEE) Computational Intelligence Society, IEEE Systems, Man, and Cybernetics Society, Institute for Operations Research and the Management Sciences (INFORMS) Artificial Intelligence College, ACM Beijing Chapter, International Federation of Automatic Control (IFAC) Economic and Business Systems Technical Committee, and Chinese Association of Automation. We further wish to express our sincere gratitude to all the workshop Program Committee members, who provided valuable and constructive review comments.

July 2013

Daniel Zeng
Christopher C. Yang
Vincent S. Tseng
Chunxiao Xing
Hsinchun Chen
Fei-Yue Wang
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Cui Tao  
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<td>Egon L. Van Den Broek</td>
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</tr>
<tr>
<td></td>
<td>Nijmegen, The Netherlands</td>
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<tr>
<td>Jason Wang</td>
<td>New Jersey Institute of Technology, USA</td>
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<tr>
<td>May D. Wang</td>
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<td>University, USA</td>
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<td>Chunhua Weng</td>
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<td>Okayama University, Japan</td>
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<td>Bo Xie</td>
<td>University of Texas at Austin, USA</td>
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