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Message from the Chairs

Welcome to the proceedings of the 2014 Chinese Conference on Pattern Recognition (CCPR 2014) held in Changsha. CCPR 2014 was the sixth in the series, following CCPR 2007 (Beijing), CCPR 2008 (Beijing), CCPR 2009 (Nanjing), CCPR 2010 (Chongqing), and CCPR 2012 (Beijing). From 2012, CCPR is held every other year, to be alternated with the Asian Conference on Pattern Recognition (ACPR), which started in 2011.

In recent years, pattern recognition has increasingly become an enabling technology for many important and often mission-critical applications such as intelligent machines, data mining, business intelligence, Internet content search, public security monitoring, etc. The emergence of big data has triggered enormous demands on pattern recognition technology. The aim of the CCPR conference is to provide a forum for scientific exchange and presentation for pattern recognition researchers in China. CCPR started in 2007 but it can be dated back to the former editions in 1980s. In China, pattern recognition research commenced in the beginning of the 1970s. The China Association for Automation organized seven editions of the National Conference on Pattern Recognition and Machine Intelligence in the 1980s.

As in the previous CCPR events, CCPR 2014 received regular submissions and it invited internationally renowned researchers to give keynote speeches. The proceedings of CCPR 2014 are published by Springer in the *Communications in Computer and Information Science* (CCIS) series. We received 216 full submissions. Each submission was reviewed by three reviewers selected from the Program Committee and other qualified researchers. Based on the reviewers' reports, 112 papers were accepted for presentation at the conference, covering diverse fields, with 14 in pattern recognition fundamentals, 14 in feature extraction and classification, 21 in computer vision, 20 in image processing and analysis, seven in video processing and analysis, ten in biometric and action recognition, seven in biomedical image analysis, nine in document and speech analysis, and ten in pattern recognition applications.

We are grateful to the keynote speakers, Prof. Bo Zhang of Tsinghua University, Prof. Jón Atli Benediktsson of University of Iceland, Prof. Chris H.Q. Ding of the University of Texas at Arlington, and Prof. Zhi-Hua Zhou of Nanjing University. Thanks are due to the authors of all submitted papers, the Program Committee members and the reviewers, and the staff of the Organizing

Committee. Without their contributions, this conference would not have been a success. We are also grateful to Springer for publishing the proceedings, and especially to Ms. Celine (Lanlan) Chang of Springer Asia for her efforts in coordinating the publication.

September 2014

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