

# Preface

Today, the development of hardware in information acquisition and transmission has led to information security being firmly tied up with person authentication. So far, the most reliable and convenient solution is biometric identification technology. In China, biometrics has been highlighted in many social and economic activities. For example, the high mobility of large populations has created a big demand for accurate person identification in China, and the “Internet Plus” strategy of the Chinese government has given strong impetus to biometric technology in the Internet environment. Biometrics will be integrated with the mobile Internet, cloud computing, and big data to improve information security. Certainly, it has already shown its outstanding performance in many other traditional applications. However, it cannot be denied that many biometric-based solutions also have their limitations in real situations owing to the variability of user environments.

In China, there are several scholars who have been concentrating on biometric technology, and significant contributions have recently been made in this domain. Therefore, organizing an annual conference has become a sustaining platform to bring together these talented biometric researchers and designers to share their outstanding work in this field. This helps to promote the development of the theory and application of biometrics. The Chinese Conference on Biometric Recognition (CCBR) has been successfully held in Beijing, Hangzhou, Xi’an, Guangzhou, Jinan, and Shenyang nine times since 2000. The 10th Chinese Conference on Biometric Recognition (CCBR 2015) was held in Tianjin, during November 13–15, 2015. This volume of conference proceedings contains 85 papers selected from among 120 submissions; all papers were carefully reviewed by three reviewers on average in a double-blind manner. The papers address the following topics: problems in face, fingerprint and palmprint, vein, iris, and ocular biometrics, behavioral biometrics, applications and systems of biometrics, multi-biometrics and information fusion, and other biometric recognition and processing issues.

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