

Preface

We are delighted to present to you this volume containing the research papers presented at the 5th International Conference on Audio- and Video-Based Biometric Person Authentication (AVBPA 2005), Hilton Rye Town, NY, July 20–22, 2005. As society becomes more security conscious, so the interest has heightened in biometrics. The large number of papers submitted to AVBPA 2005 reflects the intensity of the research in this important growing field.

Papers in AVBPA 2005 discuss all aspects of biometrics, including iris, fingerprint, face, palm print, gait, speaker and signature recognition. Iris recognition has drawn considerable interest from researchers worldwide. Also observed is a significant increase in papers on multi-modal and fusion techniques as well as security enhancements to biometrics. The strong industrial flavor of AVBPA 2005 is evident in several presentations on smart cards, wireless devices, architectures and implementation factors – the consequence of the recent development and deployment of commercial biometric systems.

Thanks to the dedicated efforts of previous organizers and participants, the AVBPA conference series has positioned itself as the premier biometrics research conference. The hard work of the AVBPA 2005 Program Committee – one of the best, with leaders in all the biometrics areas – and reviewers made it possible to continue that tradition. With their high-quality and timely feedback, we were able to put together an excellent technical program. In addition, we are grateful to have had many industrial sponsorships – a key factor in the success of the conference.

We would also like to thank the International Association for Pattern Recognition (IAPR) for its continued support of AVBPA. Previous AVBPA conferences were held in Crans-Montana, Switzerland (1997), Washington, DC, USA (1999), Halmstad, Sweden (2001), and Surrey, UK (2003).

AVBPA continues to offer a valuable snapshot of research in biometrics from leading institutions around the world. We hope that the papers contained in this volume and this conference will inspire new research in this important area.

May 2005

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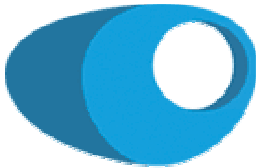
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5th International Conference, AVBPA 2005, Hilton Rye
Town, NY, USA, July 20-22, 2005, Proceedings

Kanade, T.; Jain, A.; Ratha, N.K. (Eds.)

2005, XX, 1134 p., Softcover

ISBN: 978-3-540-27887-0