



ICB-2018

The 11th IAPR International Conference on Biometrics

20th - 23rd February 2018, Gold Coast, Queensland, Australia



General Chairs

Brian Lovell, *University of Queensland* (Australia)
Miguel A. Ferrer, *Universidad de Las Palmas de Gran Canaria* (Spain)
Vutipong Areekul, *Kasetsart University* (Thailand)

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Michael Blumenstein, *University of Technology* (Australia)
Clinton Fookes, *Queensland University of Technology* (Australia)
Jun Zhou, *Griffith University* (Australia)

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Rama Chellappa, *College Park, University of Maryland* (USA)

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Arun Ross, *Michigan State University* (USA)
Stan Li, *National Laboratory of Pattern Recognition* (China)

Tutorial Chairs

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Norman Poh, *University of Surrey* (UK)

Doctoral Consortium Chairs

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Thirimachos Bourlai, *West Virginia University* (USA)

Special Session Chairs

Mark Nixon, *University of Southampton* (UK)
Patrick Flynn, *University of Notre Dame* (USA)

Sponsorship and Industry/Demo Chair

Clive Summerfield, *Auraya Systems Pty Ltd* (Australia)
Jim Wayman, *San Jose State University* (USA)

Competition Chairs

Raffaele Cappelli, *University of Bologna* (Italy)
Oleg Komogortsev, *Texas State University* (USA)

Publicity Chairs

Umapada Pal, *Indian Statistical Institute* (India)
Christian Rathgeb, *University of Salzburg* (Austria)

Area Chairs

Face

Ioannis Kakadiaris, *University of Houston* (USA)
Gang Hua, *Stevens Institute of Technology* (USA)
Zhen Lei, *Chinese Academy of Sciences* (China)
Stefanos Zafeiriou, *Imperial College London*, (UK)

Fingerprint and Hand

Jianjiang Feng, *Tsinghua University* (China)
Ajay Kumar, *Hong Kong Polytechnic University* (HK-China)
Davide Maltoni, *University of Bologna* (Italy)

Iris and Ocular

Zhenan Sun, *Chinese Academy of Sciences* (China)
Richa Singh, *IIT Delhi* (India)
Adam Czajka, *Warsaw University of Technology* (Poland)

Speaker

Nicholas Evans, *Eurecom* (France)
Jes ús B. Alonso, *Universidad de Las Palmas de Gran Canaria* (Spain)
Joaquín González Rodríguez, *Universidad Autónoma de Madrid* (Spain)

Handwriting and Signature

Julian Fierrez, *Universidad Autónoma de Madrid* (Spain)
Giuseppe Pirlo, *University of Bari* (Italy)
Régéan Plamondon, *École Polytechnique de Montréal* (Canada)

Other Biometrics and fusion

Patrizio Campisi, *University of Roma TRE* (Italy)
Josef Kittler, *University of Surrey* (UK)
Mark Nixon, *University of Southampton* (UK)
Kar-Ann Toh, *Yonsei University* (Korea)
P.C. Yuen, *Hong Kong Baptist University* (HK-China)

Evaluation, Anti-Spoofing and Security

Karthik Nandakumar, *IBM Research Collaboratory* (Singapore)
Sebastian Marcel, *IDIAP* (Switzerland)
Shantanu Rane, *Palo Alto Research Center* (USA)

Forensics

Christophe Champod, *University of Lausanne* (Switzerland)
Didier Meuwly, *University of Twente* (Netherlands)

Applications and Standards

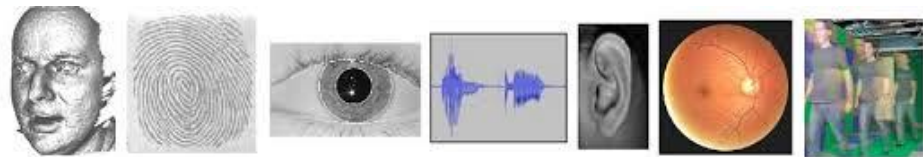
Christoph Busch, *Gjøvik University College* (Norway)
Shengcai Liao, *Chinese Academy of Science* (China)
Jiwen Lu, *Advanced Digital Sciences Center* (Singapore)
Aythami Morales, *Universidad Autónoma de Madrid* (Spain)
Raul Sanchez-Reillo, *Universidad Carlos III of Madrid* (Spain)

Finance Chair

Tony Adriaansen, *Australian Pattern Recognition Society* (Australia)

Conference Support Team

Abhijit Das, *Griffith University* (Australia)
Moises Diaz, *Universidad de Las Palmas de Gran Canaria* (Spain)
Arnold Wiliem, *University of Queensland* (Australia)



CALL FOR PAPERS

The 11th IAPR International Conference on Biometrics (ICB-2018), technically co-sponsored by IAPR (Technical Committee on Biometrics - TC4), IEEE (Biometrics Council) and APRS, is the premier forum for the presentation of new advances and research results in the fields of biometrics. In the year 2018, we are proud to present this event in one of the most beautiful places in Australia.

ICB-2018 is intended to have a broad scope. Topics of interest include, but are not limited to:

- **Biometric Technologies:** face, fingerprint, DNA, ear, hand, handwriting, gait, gesture, iris, ocular, handprint/footprint, vascular, voice, other modalities, multi-modalities, soft biometrics, and novel sensing technologies.
- **Biometric System Designs & Standards:** anti-spoofing, cancelable template and protection, encryption, large-scale identification and big data, mobile and remote biometrics, security and privacy, smart card, standardization, template selection and update.
- **Biometric Applications:** border and access control, civil registry, e-payment, forensics, law enforcement, health care, mobile and internet, social networking.
- **Biometric Evaluations:** aging effects, confidence interval estimation, databases, environment impacts, performance modeling and prediction, protocol and benchmarking, social impacts, and usability studies.

PAPER SUBMISSION

Prospective authors are invited to submit original/high quality papers. Submitted papers may not be accepted or under review else-where. All submissions must clearly articulate the novelty of the work and must report experimental results on publicly available datasets when possible. All submissions will be subjected to double blind review process. Submissions may be up to eight pages in conference format. Please visit conference web page <http://www.icb2018.org> for more details. Papers accepted and presented at ICB-2018 will be made available in **IEEE Xplore** library.

Important Dates:

- Call for Competition Proposal Due: **1 May 2017**
- Paper Submission Due: **15 September 2017**
- Initial Review Complete: **1 November 2017**
 - Rebuttal Period: **8-15 November 2017**
 - Notification to Authors: **27 November 2017**
- Camera-ready Paper Submission: **15 December 2017**
- Call for Tutorials and Special Sessions Due: **1 October 2017**
- Doctoral Consortium Application: **7 November 2017**
- Decision for Doctoral Consortium: **15 November 2017**
- Conference Advance Registration: **27 November 2017**
 - Tutorials: **20 February 2018**
 - Main Conference dates: **21-23 February 2018**



ICB 2018 is sponsored by International Association for Pattern Recognition (IAPR), IEEE Biometrics Council and Australian Pattern Recognition Society (APRS).