## 5th International Workshop on Biometrics and Forensics

The 5th International Workshop on Biometrics and Forensics (IWBF) was held at The University of Warwick, UK, from 4-5 April 2017.

IWBF is an international forum devoted specifically to facilitate synergies in research and development in the areas of multimedia forensics, forensic biometrics and forensic science. IWBF provides the meeting place for those concerned with the usage of multimedia analysis in forensic applications and biometric recognition systems, attracting participants from industry, research, academia and end-users.

## The best paper award at IWBF 2017

The IAPR best paper award went to Ctirad Sousedik and Ralph Breithaupt for their paper 'Full-fingerprint Volumetric Subsurface Imaging using Fourier-Domain Optical Coherence Tomography', as voted for by the participants of IWBF 2017.



### Contact:

Professor Chang-Tsun Li - c-t.li@warwick.ac.uk Clare Roberts - c.roberts.2@warwick.ac.uk Department of Computer Science, University of Warwick, Coventry CV4 7AL, UK



# Computer Vision Enabled Multimedia Forensics and

# **People Identification**

## 2017 has been a busy year for the IDENTITY project...

It was farewell to our partner SCM, from Girona, but a big welcome to three new partners:

Monash University, Malaysia Advanced Technologies Application Centre, CENATAV, Cuba The University of Sydney, Australia



The 5th International Workshop on Biometrics and Forensics was held at the University of Warwick, 4-5 April and was a great success. Keynote speakers were Arun Ross from Michigan State University, US and Mauro Barni from the University of Siena, Italy.

By the halfway point of the project **28 researchers** have been on secondment for almost **100 months**, across all consortium partners.

Publications on all of the IDENTITY topics are being published and special sessions and talks have been delivered. For more information: www.warwick.ac.uk/identity/publications



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## International Summer School on Biometrics, at Alghero, Italy, 12-16 June 2017

The 2017 international summer school on biometrics was held on June 12th to 16th 2017 in Alghero, Italy. This was the 14th edition of a strongly established training course started in 2003 to promote knowledge dissemination and research in biometrics and related fields. The school was technically cosponsored by Eurasip, IAPR and IEEE and co-organized by the EU RISE project IDENTITY.

The school main theme was related to the application of multimodal biometric systems in forensic and security applications, but with a specific attention to mobile applications. The school particularly addressed the impact of biometric technologies in criminal investigations and the algorithmic solutions to facilitate the integration of biometrics in operational scenarios.

33 participants attended the school lectures. The class was formed by students coming from different universities, industries and research centres from 19 different countries.



This year's students demonstrated a strong interest in the application of biometrics to forensic cases as well to other scenarios. Most of them are either working directly in the design of biometric systems, or pursuing high-level scientific research in the field.

Nine participants were supported by a grant from the IDENTITY project.

For more information on the biometrics summer school contact Massimo Tistarelli, University of Sassari, <a href="mailto:tista@uniss.it">tista@uniss.it</a>

#### **Activites 2017**

### April 2017

The consortium organised the well received 5th International Workshop on Biometrics and Forensics, held at The University of Warwick, 4-5 April 2017, with guest speakers Arun Ross of Michigan State University and Mauro Barni of the University of Siena. Details can be found at <a href="https://www.warwick.ac.uk/iwbf2017">www.warwick.ac.uk/iwbf2017</a>

# August 2017

Prof Andreas Uhl, from PLUS, was the Co-organiser of a Special Session on 'Biometrics and Privacy Protection' at the 25th European Signal Processing Conference (EUSIPCO 2017), 28 August - 2 September, on Kos, Greece. EUSICPO is the major European Conference on all aspects of Signal Processing with a few hundred participants per year.

## September 2017

Prof Andreas Uhl, from PLUS, was the Program Chair of International Conference of the Biometrics Special Interest Group (BIOSIG 2017), 20-22 September in Darmstadt, Germany. BIOSIG is an annual scientific biometrics meeting, main audience is from Europe, around 100 participants, held in Darmstadt.

## October 2017

Professor Ling Wang and Professor Jean-Luc Dugelay of the IDENTITY consortium contributed to the organisation of IJCB 2017: International Joint Conference on Biometrics, October 1 - 4, 2017, Denver, Colorado, USA. Professor Chang-Tsun Li, Professor Andreas Uhl and Professor Massimo Tistarelli of the consortium organised an IJCB Special Session on 'Linking Biometrics with Forensic Science' to disseminate the research outcomes of the IDENTITY project and to support IJCB.

#### October 2017

The Consortium has successfully solicited 6 quality papers for the Special Session on Linking Biometrics with Forensic Science as part of the 2017 IAPR/IEEE International Joint Conference on Biometrics to be held from 1 -4 October 2017 in Denver, Colorado, USA <a href="http://www.ijcb2017.org/ijcb2017/index.php">http://www.ijcb2017.org/ijcb2017/index.php</a>

## November 2017

Prof Andreas Uhl, PLUS, gave an invited talk on 'How does Human Ageing affect Biometric Recognition?' at NTU, during his IDENTITY secondment there.

#### December 2017

Prof Andreas Uhl from PLUS, gave an invited talk on 'How does Human Ageing affect Biometric Recognition?' at the 15th International Conference on Advances in Mobile Computing & Multimedia (MoMM2017), 4-6 December, Salzburg, Austria. MoMM is a medium sized conference on multimedia techniques and application with emphasis on mobile computing.