



14th IAPR/IEEE Int.l Summer School for



Advanced Studies on Biometrics for Secure Authentication:

BIOMETRICS FOR *PERSONALIZATION* AND *FORENSIC IDENTIFICATION*

ENDORSED BY THE IAPR TECHNICAL COMMITTEE ON BIOMETRICS TC-4



Alghero, Italy – June 12–16 2017

Contact: tista@uniss.it



<http://biometrics.uniss.it>

From the early days, when security was the driving force behind biometric research, today's challenges go far beyond security. Other applications, such as personalization of services, mobile computing and criminal investigations, are among the most promising applications. Machine learning, Image understanding, Signal analysis, Neuroscience, Forensic science, Digital forensics and other disciplines, converged in a truly multidisciplinary effort to devise and build advanced systems to facilitate the interpretation of signals recorded from individuals acting in a given environment. This is what we simply call today "Biometrics".

For the last fourteen years, the International Summer School on Biometrics has been closely following the developments in science and technology to offer a cutting edge, intensive training course, always up to date with the current state-of-the-art.

What are the most up-to-date core biometric technologies developed in the field? What is the potential impact of biometrics in forensic investigation and crime prevention? How can biometrics provide means for efficient and automatic personalization of services? What can we learn from human perception? What does it involve to integrate a biometric recognition system?

This school follows the successful track of the International Summer Schools on Biometrics held since 2003. In this 14th edition, the courses will mainly focus on new and emerging issues:

- **How Biometrics will drive the automatic personalization of services;**
- **How to exploit new biometric technologies in forensic and security applications;**
- **Standardization, evaluation and assessment of biometric and forensic applications.**
- **Biometrics, Forensic identification and advanced research: What is next?**

The courses will provide a clear and in-depth picture on the state-of-the-art in biometric verification/identification technology, both under the theoretical and scientific point of view as well as in diverse application domains. The lectures will be given by 18 outstanding experts in the field, from both academia and industry. **An advanced feature of this summer school will be some practical sessions to better understand, "hands on", the real potential of today's biometric technologies.**

APPLICATION DEADLINE: *February 15th 2017*

download application form: <http://biometrics.uniss.it>



University of Sassari

Participant application

The school will be open to about 50 highly qualified, motivated and pre-selected applicants. Phd students, post-docs, researchers, forensic examiners, police officers and professionals are encouraged to apply. The expected school fees will be in the order of 1,500 € for Phd students and 2,000 € for others (subject to change). The fees will include full board accommodation, all courses and handling material. **A limited number of scholarships, covering a portion of the fees, will be awarded to Phd students**, selected on the basis of their scientific background and on-going research work. Precedence will be given to members of the EU H2020 IDENTITY consortium, and active members of IAPR and IEEE. The scholarship request form can be downloaded from the school web site <http://biometrics.uniss.it>.

Phd students, researchers and post-docs are encouraged to submit a short paper (6 pages maximum) for an oral presentation on their recent research activity. Poster boards will be also available to all participants to display their current research advances.

Send a filled application form (download from <http://biometrics.uniss.it>) together with a short curriculum vitae to: **Prof. Massimo Tistarelli** – e-mail: biometricsummerschool@gmail.com

[Advance pre-registration is strictly required by February 15th 2017](#)

School location

The school will be hosted by Hotel El Faro (<http://www.elfarohotel.it/>) in the Capo Caccia bay, near Alghero, Sardinia. This is one of the most beautiful resorts in the Mediterranean sea. The structure is beautifully immersed into the Capo Caccia bay. The hotel El Faro has a recently renovated conference center, fully equipped for scientific events. The school venue, as well as the surroundings, proved to be a perfect environment for the school activities.

School Committee

Massimo Tistarelli
Computer Vision Laboratory
University of Sassari, Italy

Josef Bigun
Department of Computer Science
Halmstad University, Sweden

Enrico Grosso
Computer Vision Laboratory
University of Sassari, Italy

Anil K. Jain
Biometrics laboratory
Michigan State University, USA

Distinguished lecturers from past school editions

Josef Bigun
Halmstad University – Sweden

Thirimachos Bourlai
West Virginia University – USA

Vincent Bouatou
Safran Morpho – France

Deepak Chandra
Google Inc. – USA

Rama Chellappa
University of Maryland – USA

Farzin Deravi
University of Kent – UK

Andrzej Drygajlo
EPFL – Switzerland

James Haxby
Dartmouth University – USA

Anil K. Jain
Michigan State University – USA

Joseph Kittler
University of Surrey – UK

Chang-Tsun Li
Warwick University – UK

Davide Maltoni
Università di Bologna – Italy

John Mason
Swansea University – UK

Aldo Mattei
Arma dei Carabinieri – Italy

David Meuwly
Netherlands Forensic Institute – NL

Emilio Mordini MD
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Citizenship – Italy

Mark Nixon
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Alice O’Toole
University of Texas – USA

Maja Pantic
Imperial College – UK

Jonhaton Phillips
NIST – USA

Arun Ross
Michigan State University – USA

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University of San José – USA

