



# 20<sup>th</sup> EURASIP/IAPR/IEEE Int.I Summer school for advanced studies on biometrics: 20 YEARS OF BIOMETRICS: REFLECTIONS AND OUTLOOKS



**June 5 to 9 2023**  
**COURSE SCHEDULE**



	8:45 - 10:30	Coffee break	11:00 - 12:30	Lunch break and Poster Session	14:30 - 16:00	Coffee break	16:30 - 17:30	Break	17:45 - 19:15	Dinner break	21:00 - 22:00
Chair: Massimo Tistarelli				Chair: Jonathon Phillips							
Monday June 5	Anil Jain (Michigan State University, USA) 20 Years of Biometrics...		Alessandro Verri (University of Genova, Italy) Machine Learning for Biometrics	12:45 - 14:30	Mark Nixon (University of Southampton, UK) Gait and Soft Biometrics		Tal Hassner (Meta, USA) Deep Learning for Biometrics		Tomaso Poggio (Massachusetts Institute of Technology, USA) Understanding Deep Learning	Welcome cocktail	Student's presentations
Chair: Arun Ross				Chair: Mark Nixon							
Tuesday June 6	Nicholas Evans (EURECOM, France) Speaker Recognition		Davide Maltoni (University of Bologna, Italy) Fingerprint Recognition	12:45 - 14:30	Arun Ross (Michigan State University, USA) Iris and Periocular Recognition		Massimo Tistarelli (University of Sassari, Italy) Face Recognition		Christoph Busch (Hochschule Darmstadt, Germany) Morphing attack detection		Round Table 1: Subject to be announced
Chair: Alice O'Toole											
Wednesday June 7	Anoop Namboodiri (IIT Hyderabad, India) Towards billion-scale search for biometric de-duplication		Vishal Patel (Johns Hopkins University, USA) Federated Learning for Biometric Applications	12:45 - 14:30	Leisure activities						Time to visit Alghero Cocktail and social dinner @ Rafel beach restaurant (19:30)  BUS LEAVES AT 17:30
Chair: Vishal Patel				Chair: Enrico Grosso							
Thursday June 8	James Haxby (Dartmouth College, USA) Commonality of the Fine-Grained Structure of Neural Representations		Ida Gobbini (Dartmouth College, USA) Individual Differences in the Neural System for Face Perception and Recognition	12:45 - 14:00	Panel Session: Reflections on 20 Years of Biometrics	Fernando Ducay (Armatura, USA) AI in Security for Biometrics		Alice O'Toole (University of Texas, USA) Understanding Face Representations in Deep CNNs		Laurent Kazdaghi (Idemia, France) Exploiting Biometrics: An Industrial Perspective	Round Table 2: Subject to be announced
Chair: Anil Jain				Chair: Massimo Tistarelli							
Friday June 9	Jonathon Phillips (NIST, USA) 30 Years of Face Recognition Evaluations		Didier Meuwly (Netherlands Forensics Institute, Netherlands) Forensic biometrics	12:45 - 14:30	Michael King (Florida Tech University, USA) Understanding Bias in Biometrics		Emilio Mordini (Responsible Technology, France) Ethics of Biometrics: an Overview		CONCLUDING REMARKS Massimo Tistarelli (University of Sassari, Italy)		Au revoir