



**June 6 to 10 2022**  
**COURSE SCHEDULE**



	8:45 - 10:30	Q&A break	11:00 - 12:30	Lunch break and Poster Session	14:30 - 16:00	Q&A break	16:30 - 18:00	Q&A break	18:30 - 19:30	Q&A break	Dinner break	20:30 -
Chair: Massimo Tistarelli				Chair: Enrico Grosso								
Monday June 6	Anil Jain (Michigan State University, USA) Keynote: Biometrics: Past, Present and Future		Alessandro Verri (University of Genova, Italy) Machine Learning for Biometrics	12:45 - 14:30	Lior Wolf (Tel Aviv University, Israel) Deep Learning for Biometrics: from Technologies to Meta-technologies		Tomaso Poggio (Massachusetts Institute of Technology, USA) Understanding Deep Learning		Thirimachos Bourlai (University of Georgia, USA) Practical Biometric Systems and Project Session 1			Welcome reception
Chair: Mark Nixon				Chair: Arun Ross								
Tuesday June 7	Mark Nixon (University of Southampton, UK) On Gait and Soft Biometrics		Davide Maltoni (University of Bologna, Italy) Hands on Fingerprint Recognition with OpenCV and Python	12:45 - 14:30	Arun Ross (Michigan State University, USA) AI and Biometrics: Opportunities and Challenges		Massimo Tistarelli (University of Sassari, Italy) AI for Face-based Human Recognition		Christoph Busch (Hochschule Darmstadt, Germany) Morphing attack detection			Round Table 1: Research Directions in Biometrics and AI
Chair: Davide Maltoni				Chair: Vishal Patel								
Wednesday June 8	Giulio Sandini (Italian Institute of Technology) From Computer Vision to iCub and the Quest for Cognition		Nicholas Evans (EURECOM, France) Speaker Recognition, Spoofing and ASV Spoof	12:45 - 14:30	Alice O'Toole (University of Texas, USA) Understanding Face Representations in Deep CNNs		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			Visit to Alghero and Gala dinner (20:00) BUS LEAVES AT 19:45
Chair: Alice O'Toole				Chair: Alice O'Toole								
Thursday June 9				12:45 - 14:30	Student presentations		Jonathon Phillips (NIST, USA) Evaluations for Face Recognition and Explainable AI for Biometrics		Laurent Kazdaghli (Idemia, France) Exploiting Biometrics: An Industrial Perspective			Round Table 2: Research Directions in Biometrics and AI
Chair: Enrico Grosso				Chair: Massimo Tistarelli								
Friday June 10	Vishal Patel (Johns Hopkins University, USA) Federated Learning for Biometric Applications		Didier Meuwly (Netherlands Forensics Institute, Netherlands) Forensic biometrics	12:45 - 14:30	Thirimachos Bourlai (University of Georgia, USA) Practical Biometric Systems and Project Session 2		Emilio Mordini (Responsible Technology, France) Ethics of Biometrics: an Overview		CONCLUDING REMARKS Massimo Tistarelli (University of Sassari, Italy)			