

		14:00 - 14:30	14:30 - 16:00	16:00 - 17:00							
		Chair: Massimo Tistarelli									
Sunday May 30		OPENING Massimo Tistarelli (University of Sassari, Italy)	Thirimachos Bourlai (West Virginia University, USA) Practical Biometric Systems and Project Session 1	POSTER SESSION							
		11:00 - 12:00	Lunch break and Poster Session	13:30 - 14:30	Q&A break	15:00 - 16:00	Q&A break	16:30 - 17:30	Q&A break	17:45 - 18:45	
		Chair: Massimo Tistarelli			Chair: Enrico Grosso						
Monday May 31	Alessandro Verri (University of Genova, Italy) Machine Learning for Biometrics	12:00 - 13:30	Lior Wolf (Tel Aviv University, Israel) Deep Learning for Biometrics: from Technologies to Meta-technologies	Vishal Patel (Johns Hopkins University, USA) Federated Learning for Biometric Applications	Anil Jain (Michigan State University, USA) Keynote: Biometrics: Past, Present and Future	Round Table 1: Research Directions in Biometrics for AI and AI for Biometrics					
		11:00 - 12:00	Lunch break and Poster Session	13:30 - 14:30	Q&A break	15:00 - 16:00	Q&A break	16:30 - 17:30	Q&A break	18:00 - 19:00	Q&A break
		Chair: Mark Nixon			Chair: Arun Ross						
Tuesday June 1	Davide Maltoni (University of Bologna, Italy) Hands on Fingerprint Recognition with OpenCV and Python	12:00 - 13:30	John Daugman (Cambridge University, UK) Big Biometric Entropy: Collision Avoidance on a Global Scale	Massimo Tistarelli (University of Sassari, Italy) AI for Face-based Human Recognition	Mark Nixon (University of Southampton, UK) On Gait and Soft Biometrics	Christoph Busch (Hochschule Darmstadt, Germany) Morphing attack detection					
		11:00 - 12:00	Lunch break and Poster Session	13:30 - 14:30	Q&A break	15:00 - 16:00	Q&A break	16:30 - 17:30	Q&A break	18:00 - 19:00	Q&A break
		Chair: Davide Maltoni			Chair: Vishal Patel						
Wednesday June 2	Nicholas Evans (EURECOM, France) Speaker Recognition, Spoofing and ASV Spoof	12:00 - 13:30	Giulio Sandini (Italian Institute of Technology) From Computer Vision to iCub and the Quest for Cognition	James Haxby (Dartmouth College, USA) Commonality of the Fine-Grained Structure of Neural Representations	Alice O'Toole (University of Texas, USA) Understanding Face Representations in Deep CNNs	Ida Gobbini (Dartmouth College, USA) Individual Differences in the Neural System for Face Perception and Recognition					
		11:00 - 12:00	Lunch break and Poster Session	13:30 - 14:30	Q&A break	15:00 - 16:00	Q&A break	16:30 - 17:30	Q&A break	17:45 - 18:45	
		Chair: Mark Nixon			Chair: Alice O'Toole						
Thursday June 3	Laurent Kazdaghli (Idemia, France) Exploiting Biometrics: An Industrial Perspective	12:00 - 13:30	Jonathon Phillips (NIST, USA) Evaluations for Face Recognition and Explainable AI for Biometrics	Arun Ross (Michigan State University, USA) AI and Biometrics: Opportunities and Challenges	Tomaso Poggio (Massachusetts Institute of Technology, USA) Observations on Deep Puzzles	Round Table 2: Research Directions in Biometrics for AI and AI for Biometrics					
		11:00 - 12:00	Lunch break and Poster Session	13:30 - 14:30	Q&A break	15:00 - 16:00	Q&A break	16:30 - 17:30	Q&A break		
		Chair: Enrico Grosso			Chair: Massimo Tistarelli						
Friday June 4	Didier Meuwly (Netherlands Forensics Institute, Netherlands) Forensic biometrics: the Use of Biometric Data and Databases in Forensic Applications	12:00 - 13:30	Thirimachos Bourlai (West Virginia University, 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)						