



21st Int.l Summer school for advanced studies on biometrics: BIOMETRICS: TRUSTFUL, FAIR AND PRIVACY-FRIENDLY



June 3 to 7 2024
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 - 22:30	
Chair: Massimo Tistarelli				Chair: Jonathon Phillips								
Monday June 3	Anil Jain (Michigan State University, USA) Introduction to 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		Lior Wolf (Meta, Israel) 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) Trustful Biometrics		Massimo Tistarelli (University of Sassari, Italy) Face Recognition		To be announced (Idemia, France) Exploiting Biometrics: An Industrial Perspective		Round Table 1: <i>Is data ever enough?</i>	
Chair: Alice O'Toole												
Wednesday June 7	Jonathon Phillips (NIST, USA) Face Recognition Evaluations		Vishal Patel (Johns Hopkins University, USA) Federated Learning for Biometrics	12:45 - 14:30	Leisure activities						Time to visit Alghero Cocktail and social dinner BUS LEAVES AT 17:30	
Chair: Vishal Patel				Chair: Enrico Grosso								
Thursday June 8	Xiaoming Liu (Michigan State University, USA) Presentation Attacks Detection		To be announced (--, --) Privacy-preserving Biometrics	12:45 - 14:30	James Haxby (Dartmouth College, USA) Commonality of the Fine-Grained Structure of Neural Representations	Ida Gobbini (University of Bologna, Italy) Perception and Recognition of Familiar vs Unfamiliar Faces		Alice O'Toole (University of Texas, USA) Face Representations in Deep CNNs		To be announced (Armatura, USA) AI in Security for Biometrics	Round Table 2: <i>Bias and Fairness in AI and Biometrics</i>	
Chair: Anil Jain				Chair: Massimo Tistarelli								
Friday June 9	Anoop Nambodiri (IIT Hyderabad, India) Towards billion-scale search for biometric de-duplication		Didier Meuwly (Netherlands Forensics Institute, Netherlands) Forensic biometrics	12:45 - 14:00	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	