16th IAPR/IEEE Int.l Summer school for advanced studies on biometrics:
Biometrics and Forensic Science in the Deep Learning Era

May 27-31 2019
COURSE SCHEDULE

	9:00 - 10:45	Coffe break	11:00 - 12:30	Lunch break	14:30 - 16:00	Coffe break	16:15 - 17:45	18:00 - 19:00	19:15 - 19:45
	Chair: Massimo Tistarelli				Chair: Mark Nixon				
Monday May 27	**Arun Ross** (Michigan State University, USA) Introduction to Biometrics		**Alessandro Verri** (University of Genova, Italy) Machine Learning for Biometrics	12:30 - 14:30	**Julian Fierrez** (Universidad Autonoma de Madrid, Spain) Iris Recognition		**Massimo Tistarelli** (University of Sassari, Italy) Face Recognition	*Meeting the Lecturers: Doctoral Consortium - Animated by T. Bourlai*	*Welcome reception*

	9:00 - 10:30	Coffe break	10:45 - 12:15	Lunch break	14:30 - 16:00	Coffe break	16:15 - 17:45	17:45 - 19:15	21:00-22:00
	Chair: Arun Ross				Chair: Davide Maltoni				
Tuesday May 28	**Davide Maltoni** (University of Bologna, Italy) Fingerprint Recognition		**Mark Nixon** (University of Southampton, UK) Soft Biometrics	12:30 - 14:30	**Thirimachos Bourlai** (West Virginia University, USA) Practical Biometric Systems and Project **Session 1**		**Lior Wolf** (Tel Aviv University, Israel) Deep Learning Techniques for Biometrics	*Student presentations (7)*	*Meeting the Lecturers: Topic 1 - Animated by Arun Ross*

	9:00 - 10:30	Coffe break	10:45 - 12:15	Lunch break	14:30 - 16:30	Coffe break	17:00 – 18:00		
	Chair: Alice O'Toole				Chair: John Mason				
Wednesday May 29	**Jonathon Phillips** (NIST, USA) Challenges in Face Recognition and Visual Biometrics		**Jean-Luc Dugelay** (Eurecom) Malevolent Schemes in Face Recognition Applications	12:30 - 14:30	**Alice J. O'Toole** (University of Texas, USA) Understanding Face Representations in Deep CNNs: Face Space Theory Evolves		**Ida Gobbini** (Dartmouth College, USA) Mechanisms for Recognition of Familiar Faces	**James Haxby** (Dartmouth College, USA) Commonality of the Fine-Grained Structure of Neural Representations	*Visit to Alghero and Gala dinner (20:00) BUS LEAVES AT 18:45*

				Lunch break	14:30 - 16:00	Coffe break	16:15 - 17:30	17:30 - 19:00	21:00-22:00
					Chair: Vishal Patel				
Thursday May 30	**Boat trip on Capo Caccia bay or other leisure activities**			13:00 - 14:30	**Student presentations (2) & Round table:** The role of Deep Learning in Biometrics and Forensic Science		**John Mason** (University of Swansea, UK) Speaker Recognition	**Michael Brauckmann** (Idemia, France) Exploiting Biometrics: an Industrial Perspective	*Meeting the Lecturers: Topic 2 - Animated by Didier Meuwly*

	9:00 - 10:30	Coffe break	10:45 - 12:15	Lunch break	14:00 - 15:00	Coffe break	15:15 - 16:30	16:30 - 17:15	
	Chair: Jonathon Phillips				Chair: Enrico Grosso				
Friday May 31	**Vishal Patel** (Johns Hopkins University, USA) Continuous Authentication in the Mobile World		**Didier Meuwly** (Netherlands Forensics Institute, Netherlands) The Quantification of Forensic Evidence	12:30 - 14:00	**Thirimachos Bourlai** (West Virginia University, USA) Practical Biometric Recognition Systems and Project **Session 2**		**Emilio Mordini** (Responsible Technology, France) Ethics and Governance of Global ID	**Massimo Tistarelli** (University of Sassari, Italy) Concluding remarks	