# X Int.l Summer school for advanced studies on biometrics:
## How Biometrics meets Forensics, Security and the E-society challenges of tomorrow

June 10-15  2013

## Course schedule

| | 9:00 - 9:30 | 9:30 - 11:00 | Coffe break | 11:30 - 13:00 | Lunch break | 15:00 - 16:30 | Coffe break | 17:00 - 18:30 | 19:00 |
|---|---|---|---|---|---|---|---|---|---|
| | Chair: Massimo Tistarelli | | | | | Chair: Enrico Grosso | | | |
| **Monday June 10** | **Massimo Tistarelli** (University of Sassari) Opening | **Anil K. Jain** (Michigan State University, USA) An introduction to biometrics with applications in forensics | | **Tieniu Tan** (Chinese Academy of Science, China) Iris recognition | 13:00 - 15:00 | **Alessandro Verri** (University of Genova, Italy) Machine learning techniques in biometrics | | **Didier Meuwley** (Netherlands Forensics Institute, Netherlands) Biometrics in forensic practice | *Welcome reception* |

| | 9:00 - 10:30 | | Coffe break | 11:00 - 12:30 | Lunch break | 14:30 - 16:00 | Coffe break | 16:30 - 18:00 | 18:00 - 19:30 |
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| | Chair: John Mason | | | | | Chair: Arun Ross | | | |
| **Tuesday June 11** | **Davide Maltoni** (University of Bologna, Italy) Fingerprint recognition | | | **Maja Pantic** (Imperial College, UK) Machine Understanding of Facial Behaviour | 12:30 - 14:30 | **Massimo Tistarelli** (University of Sassari, Italy) 2D and 3D Face recognition technologies | | **Jonathon Phillips** (NIST USA) Grand Challenges and Progress in Face Recognition and Visual Biometrics | *Student presentations* |

| | 9:00 - 10:30 | | Coffe break | 11:00 - 12:30 | Lunch break | 14:30 - 16:00 | Coffe break | 16:30 – 18:00 | |
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| | Chair: Alice O'Toole | | | | | Chair: Farzin Deravi | | | |
| **Wednesday June 12** | **Rama Chellappa** (University of Maryland) Dictionaries and Domain Adaptation Methods for Face, Expressions and Iris Recognitions | | | **James Haxby** (Dartmouth College, USA) A high-dimensional model of the neural representational space for face and object recognition | 12:30 - 14:30 | **John Mason** (University of Swansea, UK) Speaker recognition | | **James L. Wayman** (University of S. Josè, USA) Back to the Future: an history of Biometrics | *Visit to Alghero and Gala dinner (20:00) BUS LEAVES AT 19:00* |

| | | | | | Lunch break | 14:30 - 16:00 | Coffe break | 16:30 - 18:00 | 18:00 - 19:30 |
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| | | | | | | Chair: Rama Chellappa | | | |
| **Thursday June 13** | Boat trip on Capo Caccia bay or other leisure activities | | | | 13:00 - 14:30 | **Arun Ross** (Michigan State University, USA) Multibiometrics: Information Fusion in Biometrics | | **Farzin Deravi** (University of Kent, UK) Biometric standardization | **Vincent Bouatou** (Safran Morpho, France) Biometric Technologies: an Industrial Perspective |

| | 9:00 - 10:30 | | Coffe break | 11:00 - 12:30 | Lunch break | 14:30 - 16:00 | Coffe break | 16:30 - 19:00 | |
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| | Chair: Massimo Tistarelli | | | | | Chair: Mark Nixon | | | |
| **Friday June 14** | **Alice J. O'Toole** (University of Texas, USA) Biological recognition of human faces | | | **Mark Nixon** (University of Southampton, UK) Gait recognition and Soft Biometrics | 12:30 - 14:30 | **David Van Leeuwven** (Radboud University, Netherlands) Evaluation metrics for forensic biometrics | | **Emilio Mordini** (CSSC Roma, Italy) Ethics and Governance of Global ID | **Massimo Tistarelli** (University of Sassari, Italy) Concluding remarks |

| | 9:00 - 10:00 | | Coffe break | 10:30 - 12:30 | Lunch break | | | | |
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| | Chair: David Van Leeuwven | | | | | | | | |
| **Saturday June 15** | **Ida Gobbini** (University of Bologna, Italy) Neural systems for recognition of familiar faces | | | **Aldo Mattei** (Arma dei Carabinieri, Italy) Biometrics in forensic investigations | 13:00 - 14:30 | | | | |