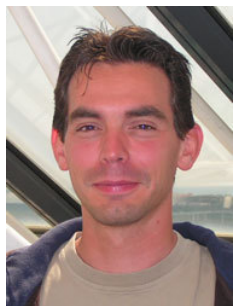


Security Research at EURECOM: an overview

Yves ROUDIER

System and Software Security



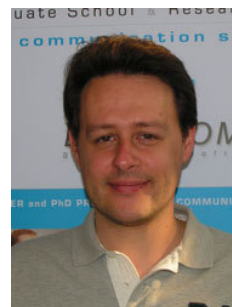
Davide Balzarotti



Aurélien Francillon



Marc Dacier



Andrea Lanzi



Luca Bruno

- **Malware Capture and Analysis (ICODE, MIDAS)**
- **Botnet Detection - DISCLOSURE**
- **Web Security - IPAAS (VAMPIRE)**
- **Cloud Security**
- **DEFCON 2012, SYSSEC NoE**
- **Embedded System Security-SMART (TAMPRES)**
- **Mobile Computing and Wireless Security (Google)**
- **Critical Infrastructure (CRISALIS)**
- **Attack on ADS-B BLACKHAT 2012**

Security Protocols and Applied Cryptography



Refik Molva



Yves Roudier



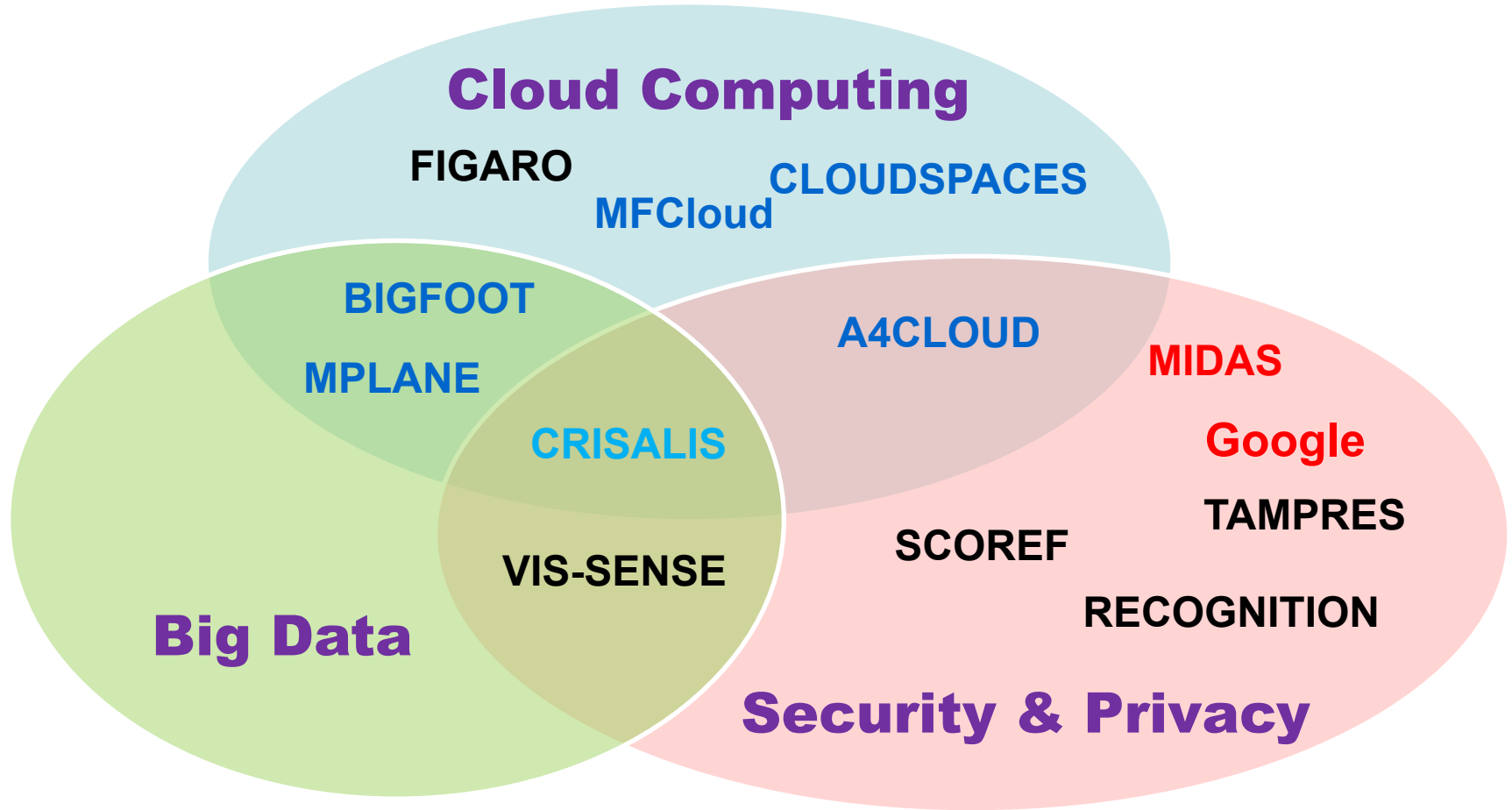
Melek Önen



Kaoutar Elkhayaoui

- **Secure Software Design (CESSA)**
- **Secure Automotive Systems (SCOREF)**
- **RFID Security and Privacy**
- **Privacy & Security in Social Networks (SafeBook, PROSE)**
- **Cloud Security & Privacy – PRISM (EIT-ICT PPSS, **A4CLOUD**)**
- **Privacy & Usage Control – PRICE (RECOGNITION)**

Outlook



Security – People (NS Department)

■ Professors

- Davide Balzarotti
- Marc Dacier *
- Aurélien Francillon
- Refik Molva
- Yves Roudier

■ Visiting Scientists

- Raimo Kantola (Aalto)
- Gabor Pek (Budapest U.T.)
- Jean-Marc Robert (ETS Montreal)

■ Research Engineers

- Luca Bruno
- Andrea Lanzi
- Melek Önen

■ Post-doctoral fellows

- Kaoutar Elkhayaoui

■ Ph. D. Students

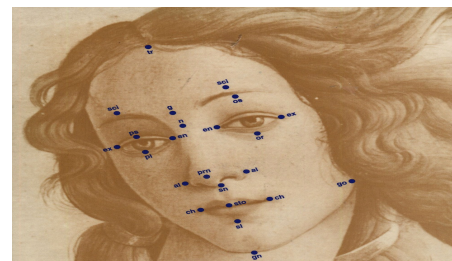
- Monir Azraoui
- Davide Canali
- Andrei Costin
- Alexandre Garaga
- Mariano Graziano
- Jelena Isacenkova
- Samuel Kaluvuri
- Iraklis Leontiadis
- Clémentine Maurice
- Giancarlo Pellegrino
- Pasquale Puzio
- Gabriel Serme
- Pierre-Antoine Vervier
- Jonas Zaddach
- Zeineb Zhioua



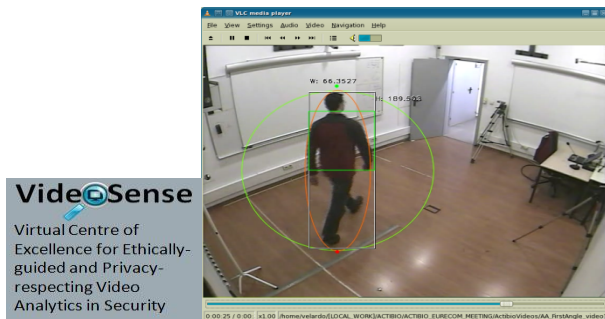
Prof. Jean-Luc Dugelay
<http://www.eurecom.fr/~dugelay>



1. Digital image Watermarking
 - Steganography
 - **Digital Image Forensics**



2. Biometrics
 - 2D/3D **Face** Recognition
 - Face & Speech
 - Spoofing
 - λ -Training



3. Video Surveillance (**Soft Biometrics – privacy**)



4. **µUAV** (Unmanned Aerial Vehicle)