![EURECOM Sophia Antipolis logo]

MASTER IN DIGITAL SECURITY
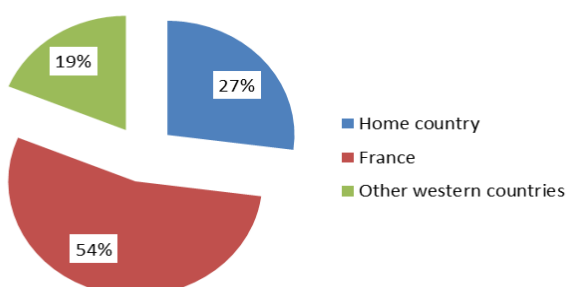
Examples of Semester projects

Web Interface , Semantic Web, Sensor Networks & Security
Online Game to teach Reverse Engineering
Statistical tests of machine-learning algorithms with applications in security
Collect and analysis of dynamic data on Twitter
Where is my money going ? Following the bitcoin money trail
Automated Identification of Android Malware Using Classification Techniques
Privacy Preserving Delegated Word Search in the Cloud
Prototype of Cloudup: Secure Deduplication with encrypted data for cloud storage
ADSL Security Analysis
Monitoring Android baseband system status for GSM fuzzing
Surveillance networks : How to build surveillance networks from a communications point of view, what are the networks limits and will the big brother win
A game-theoretic analysis of the economic issues in ISP regulation
People tracking with autonomous UAVs based on AR.Drone 2.0 (LINK TO VIDEO)

Examples of internships (Places and topics)

AFD Technpology	International GSM Roaming
ALCMEON	crawl, and large-scale processing of UGC (User Generated Content)
AMADEUS	iPhone application for online flights shopping
ATOS	Network security
BMW Group, Research and Technology	Security analysis and specifications of the fedust protocol
Cisco Systems Inc.	Router's Penetration Testing
Commsquare	Protocol Analysis in IP Mobile Networks
ERCOM	Traitement de données chiffrées (cloud)
EUREVA	Developing a Cloud-Computing visualization solution
Nokia	TCP Response to Lower-Layer Connectivity-Change Indications
ORANGE	Practical Network security applications in a network provider environment
ROYAL PHILIPS ELECTRONICS	Study of the influence of NAT in triple play networks
SAP	Security mechanisms for the Internet of Services
SecludIT	Security Audit in cloud infrastructures
ST MICROELECTRONICS	Evaluate the feasibility of particular kinds of multi-fault attacks against RSA
Swisscom Innovations	Network access control
Technicolor	Design and evaluation of a hybrid cloud for dynamic workloads
THALES ALENIA SPACE	network access control with port based security

Graduation survey

Current country of residence of Msc graduates

- Home country: 27%
- France: 54%
- Other western countries: 19%

Examples of current positions of Msc Graduates

ALCATEL	Development Engineer	Belgium
ALLOT	Technical Consultant Account Manager	France
AMADEUS	Software Development Engineer (C++)	France
ATOS	Consultant at Atos Origin	France
Bull-Amesys	Engineer	France
FORTINET	Security Researcher	France
GOOGLE	Technical Program Manager	Germany
IBM	Operation Strategy Consultant	China
IBM	SAP CRM Functional Consultant	India
MISYS	Technical Architect,	UK
ORANGE	Cloud Computing Engineer	France
SYMANTEC	Threat Analyst	India