

Francesca Palombini

Senior Researcher at
Security Research, Ericsson

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Education and Qualifications

- 2013–15 **Master of Science in Information and Communication Technology**, *KTH*, Stockholm, Sweden.
Royal Institute of Technology
- 2012–15 **Master of Science in Embedded Systems and Software**, *Grenoble INP - Ensimag*, Grenoble, France.
École Nationale Supérieure d'Informatique et Mathématiques Appliquées de Grenoble
- 2011–12 **Bachelor of Science in Engineering - Physics, Electronics and Telecommunications**, *Grenoble INP - Phelma*, Grenoble, France.
Ecole de Physique, Electronique et Matériaux
- 2009–11 **Classe Préparatoire aux Grandes Écoles**, *Lycée Massena*, Nice, France, MPSI – MP.
Mathematics and Physics (option Science de l'Ingénieur)

Professional Experience

- Nov 2019 – **Senior Researcher**, *Security Research*, Ericsson, Stockholm.
present
- Jan 2018 – **Experienced Researcher**, *Security Research*, Ericsson, Stockholm.
Oct 2019
- Jun 2015 – **Researcher**, *Security Research*, Ericsson, Stockholm.
Dec 2017

Projects and Internships

- Nov 2014 – **Master Thesis**, *Ericsson*, Stockholm.
Apr 2015 Object Security in the Internet of Things
- Sept 2014 – **Summer internship**, *Ericsson*, Stockholm.
Nov 2014 Man-in-the-Middle attack on FIDO U2F protocol
- 2012 **Student Project**, *Grenoble INP - Phelma*, Grenoble.
Adaptation of a toy car's remote-controller for children with multiple disabilities
Conception of a mini-processor in VHDL and implementation on FPGA board
- 2011–12 **First Secretary**, *junior enterprise Junior Conseil Phelma*, Grenoble.
Administrative and organisation duties, project management

Programming skills

- Development *C* (standard and parallel-oriented), *Ada*, *Lustre* (real time), *Java*, *SystemC*, *VHDL*, *assembly*, *Erlang*
- Tools *Synopsis*, *Simulink*, *Emacs*, *Eclipse*, *Microsoft Office*, *LaTeX*, *OpenOffice*, *Planner*

Languages

- Italian Native speaker
- French Fluent
- English Proficient, TOEFL score 615
- Swedish B1 level

Interests

- Violin Studies in Perugia, Firenze, Conservatoire à rayonnement régional of Nice, KTH Orchestra