

## WORK EXPERIENCE

November 2020 – Present **Associate professor**  
IMT School for Advanced Studies Lucca  
System Security, Modeling and Analysis (SySMA)

November 2017 – October 2020 **Assistant professor (RTD-B)**  
IMT School for Advanced Studies Lucca  
System Modeling and Analysis (SysMA)

September 2014 – October 2017 **Assistant professor (RTD-A)**  
Università degli Studi di Genova  
Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS)

January 2012 – August 2014 **Researcher**  
Università degli Studi di Genova  
Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS)

January 2008 – January 2012 **Researcher**  
Consiglio Nazionale delle Ricerche  
Area della ricerca di Pisa  
Istituto di Informatica e Telematica (IIT)

## EDUCATION AND TRAINING

2008–2011 **PhD - Thesis Title: “On the Security of Software Systems and Services”** ISCED 6  
University of Pisa, Pisa, Italy

2006–2007 **MSc in Computer Science**  
University of Pisa, Pisa, Italy

**Summer schools**

September 2008 Global Computing Approach to Analysis of System, Warsaw, Poland  
August - September 2009 9th International School on Foundations of Security Analysis and Design), Bertinoro, Italy  
September 2009 2nd ENISA-FORTH Summer School on Network & Information Security), Crete, Greece  
September 2010 10th International School on Foundations of Security Analysis and Design), Bertinoro, Italy

## LIST OF PUBLICATIONS

**Journal papers**

Gabriele Costa, Letterio Galletta, Pierpaolo Degano, David Basin, Chiara Bodei: *Natural Projection as Partial Model Checking*. Journal of Automated Reasoning (to appear).

Enrico Russo, Gabriele Costa, Alessandro Armando: *Building Next Generation Cyber Ranges with CRACK*. Computers and Security (2020). <https://doi.org/10.1016/j.cose.2020.101837>

Federico Sinigaglia, Roberto Carbone, Gabriele Costa, Nicola Zannone: *A Survey on Multi-Factor Authentication for Online Banking in the Wild*. *Computers and Security* (2020). <https://doi.org/10.1016/j.cose.2020.101745>

Andrea Valenza, Luca Demetrio, Gabriele Costa, Giovanni Lagorio: *WAF-A-MoLE: An adversarial tool for assessing ML-based WAFs*. *SoftwareX* (2020). <https://doi.org/10.1016/j.softx.2019.100367>

Gabriele Costa, Alessio Merlo, Luca Verderame, Alessandro Armando: *Automatic security verification of mobile app configurations*. *Future Generation Comp. Syst.* 80: 519-536 (2018). <https://doi.org/10.1016/j.future.2016.06.014>

Alessio Merlo, Gabriele Costa, Luca Verderame, Alessandro Armando: *Android vs. SEAndroid: An empirical assessment*. *Pervasive and Mobile Computing* 30: 113-131 (2016). <http://dx.doi.org/10.1016/j.pmcj.2016.01.006>

Alessandro Armando, Gabriele Costa, Alessio Merlo, Luca Verderame: *Formal modeling and automatic enforcement of Bring Your Own Device policies*. *International Journal of Information Security* 14(2): 123-140 (2015). <http://dx.doi.org/10.1007/s10207-014-0252-y>

Alessandro Armando, Gabriele Costa, Luca Verderame, Alessio Merlo: *Securing the "Bring Your Own Device" Paradigm*. *IEEE Computer* 47(6): 48-56 (2014). <http://dx.doi.org/10.1109/MC.2014.164>

Gabriele Costa, Iliaria Matteucci: *Gate automata-driven run-time enforcement*. *Computers & Mathematics with Applications* 63(2): 518-524 (2012). <http://dx.doi.org/10.1016/j.camwa.2011.08.046>

Gabriele Costa, Pierpaolo Degano, Fabio Martinelli: *Modular plans for secure service composition*. *Journal of Computer Security* 20(1): 81-117 (2012). <http://dx.doi.org/10.3233/JCS-2011-0430>

Gabriele Costa, Pierpaolo Degano, Fabio Martinelli: *Secure service orchestration in open networks*. *Journal of Systems Architecture - Embedded Systems Design* 57(3): 231-239 (2011). <http://dx.doi.org/10.1016/j.sysarc.2010.09.001>

Gabriele Costa, Fabio Martinelli, Paolo Mori, Christian Schaefer, Thomas Walter: *Runtime monitoring for next generation Java ME platform*. *Computers & Security* 29(1): 74-87 (2010). <http://dx.doi.org/10.1016/j.cose.2009.07.005>

Gabriele Costa, Aliaksandr Lazowski, Fabio Martinelli, Iliaria Matteucci, Valérie Issarny, Rachid Saadi, Nicola Dragoni, Fabio Massacci: *Security-by-Contract-with-Trust for Mobile Devices*. *Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications* 1(4): 75-91 (2010). <http://isyou.info/jowua/papers/jowua-v1n4-6.pdf>

Massimo Bartoletti, Gabriele Costa, Roberto Zunino: *Jalapa: Securing Java with Local Policies: Tool Demonstration*. *Electr. Notes Theor. Comput. Sci.* 253(5): 145-151 (2009). <http://dx.doi.org/10.1016/j.entcs.2009.11.020>

Massimo Bartoletti, Gabriele Costa, Pierpaolo Degano, Fabio Martinelli, Roberto Zunino: *Securing Java with Local Policies*. *Journal of Object Technology* 8(4): 5-32 (2009). <http://dx.doi.org/10.5381/jot.2009.8.4.a1>

## Conference proceedings

Andrea Valenza, Gabriele Costa, Alessandro Armando: *Never Trust Your Victim: Weaponizing Vulnerabilities in Security Scanners*. RAID 2020 (accepted).

Luca Demetrio, Andrea Valenza, Gabriele Costa, Giovanni Lagorio: *WAF-A-MoLE: evading web application firewalls through adversarial machine learning*. SAC 2020: 1745-1752. <https://doi.org/10.1145/3341105.3373962>

Enrico Russo, Gabriele Costa, Alessandro Armando: *Scenario Design and Validation for Next Generation Cyber Ranges*. NCA 2018: 1-4. <https://doi.org/10.1109/NCA.2018.8548324>

Gabriele Costa, David A. Basin, Chiara Bodei, Pierpaolo Degano, Letterio Galletta: *From Natural Projection to Partial Model Checking and Back*. TACAS (1) 2018: 344-361.

- Gabriele Costa, Federico Sinigaglia, Roberto Carbone: *PolEnA: Enforcing Fine-grained Permission Policies in Android*. SAFECOMP Workshops 2017: 407-414. [https://doi.org/10.1007/978-3-319-66284-8\\_34](https://doi.org/10.1007/978-3-319-66284-8_34)
- Roberto Carbone, Gabriele Costa, Federico Sinigaglia: *Strong Authentication for e-Banking: a Survey on European Regulations and Implementations*. 14th International Conference on Security and Cryptography (SECRYPT'17), Porto, Portugal, July 26-28: 480-485. <https://doi.org/10.5220/0006438504800485>
- Gabriele Costa, Paolo Gasti, Alessio Merlo, Shunt-Hsi Yu: *FLEX: A Flexible Code Authentication Framework for Delegating Mobile App Customization*. 11th ACM on Asia Conference on Computer and Communications Security (AsiaCCS'16), Xi'an, China, May 30 - June 3: 389-400. <http://doi.acm.org/10.1145/2897845.2897887>
- Alessandro Armando, Gianluca Bocci, Gabriele Costa, Rocco Mammoliti, Alessio Merlo, Silvio Ranise, Riccardo Traverso, Andrea Valenza: *Mobile App Security Assessment with the MA-VeriC Dynamic Analysis Module*. 7th ACM CCS International Workshop on Managing Insider Security Threats (MIST'15), Denver (CO), USA, October 12-16: 41-49. <http://doi.acm.org/10.1145/2808783.2808786>
- Gabriele Costa: *Securing Android with Local Policies*. Programming Languages with Applications to Biology and Security – Essays Dedicated to Pierpaolo Degano on the Occasion of His 65th Birthday, 2015: 202-218. [http://dx.doi.org/10.1007/978-3-319-25527-9\\_14](http://dx.doi.org/10.1007/978-3-319-25527-9_14)
- Alessandro Armando, Roberto Carbone, Gabriele Costa, Alessio Merlo: *Android Permissions Unleashed*. 28th IEEE Computer Security Foundations Symposium (CSF'15), Verona, Italy, July 13-17, 2015: 320-333. <http://dx.doi.org/10.1109/CSF.2015.29>
- Alessandro Armando, Gianluca Bocci, Gianantonio Chiarelli, Gabriele Costa, Gabriele De Maglie, Rocco Mammoliti, Alessio Merlo: *SAM: The Static Analysis Module of the MAVERIC Mobile App Security Verification Platform*. 21st International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS'15), Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2015, London, UK, April 11-18, 2015: 225-230. [http://dx.doi.org/10.1007/978-3-662-46681-0\\_19](http://dx.doi.org/10.1007/978-3-662-46681-0_19)
- Alessandro Armando, Gabriele Costa, Alessio Merlo, Luca Verderame: *Enabling BYOD through secure meta-market*. 7th ACM Conference on Security & Privacy in Wireless and Mobile Networks, WiSec'14, Oxford, United Kingdom, July 23-25, 2014: 219-230. <http://doi.acm.org/10.1145/2627393.2627410>
- Gabriele Costa, Fabio Martinelli, Artsiom Yautsiukhin: *Multi-dimensional Secure Service Orchestration*. Business Process Management Workshops - BPM 2013 International Workshops, Beijing, China, August 26, 2013: 473-485. [http://dx.doi.org/10.1007/978-3-319-06257-0\\_37](http://dx.doi.org/10.1007/978-3-319-06257-0_37)
- Alessandro Armando, Aniello Castiglione, Gabriele Costa, Ugo Fiore, Alessio Merlo, Luca Verderame, IIsun You: *Trustworthy Opportunistic Access to the Internet of Services*. Information and Communication Technology - International Conference, ICT-EurAsia 2013, Yogyakarta, Indonesia, March 25-29, 2013: 469-478. [http://dx.doi.org/10.1007/978-3-642-36818-9\\_52](http://dx.doi.org/10.1007/978-3-642-36818-9_52)
- Alessandro Armando, Gabriele Costa, Alessio Merlo: *Bring your own device, securely*. 28th Annual ACM Symposium on Applied Computing, SAC'13, Coimbra, Portugal, March 18-22, 2013: 1852-1858. <http://doi.acm.org/10.1145/2480362.2480707>
- Giulio Caravagna, Gabriele Costa, Luca Wiegand, Giovanni Pardini: *Lazy Monitoring for Distributed Computing Environments*. 6th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing, IMIS 2012, Palermo, Italy, July 4-6, 2012: 259-265. <http://doi.ieeecomputersociety.org/10.1109/IMIS.2012.186>
- Giulio Caravagna, Gabriele Costa, Giovanni Pardini: *Lazy Security Controllers*. Security and Trust Management - 8th International Workshop, STM 2012, Pisa, Italy, September 13-14, 2012: 33-48. [http://dx.doi.org/10.1007/978-3-642-38004-4\\_3](http://dx.doi.org/10.1007/978-3-642-38004-4_3)
- Alessandro Armando, Gabriele Costa, Alessio Merlo: *Formal Modeling and Reasoning about the Android Security Framework*. Trustworthy Global Computing - 7th International Symposium, TGC 2012, Newcastle upon Tyne, UK, September 7-8, 2012: 64-81. [http://dx.doi.org/10.1007/978-3-642-41157-1\\_5](http://dx.doi.org/10.1007/978-3-642-41157-1_5)

Gabriele Costa, Fabio Martinelli, Artsiom Yautsiukhin: *Metric-Aware Secure Service Orchestration*. Fifth Interaction and Concurrency Experience, ICE 2012, Stockholm, Sweden, 16th June 2012: 32-46. <http://dx.doi.org/10.4204/EPTCS.104.4>

Gabriele Costa, Ilaria Matteucci: *Trust-Driven Policy Enforcement through Gate Automata*. Fifth International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing, IMIS 2011, Seoul, Korea, June 30-July 02, 2011: 208-215. <http://dx.doi.org/10.1109/IMIS.2011.88>

Gabriele Costa, Ilaria Matteucci: *Elective temporal logic*. 7th International Conference on the Quality of Software Architectures, QoSA 2011 and 2nd International Symposium on Architecting Critical Systems, ISARCS 2011. Boulder, CO, USA, June 20-24, 2011: 143-152. <http://doi.acm.org/10.1145/2000259.2000283>

Gabriele Costa, Valérie Issarny, Fabio Martinelli, Ilaria Matteucci, Rachid Saadi: *Security and Trust*. Formal Methods for Eternal Networked Software Systems - 11th International School on Formal Methods for the Design of Computer, Communication and Software Systems (Advanced Lectures), SFM 2011, Bertinoro, Italy, June 13-18, 2011: 393-416. [http://dx.doi.org/10.1007/978-3-642-21455-4\\_12](http://dx.doi.org/10.1007/978-3-642-21455-4_12)

Gabriele Costa, Nicola Dragoni, Aliaksandr Lazouski, Fabio Martinelli, Fabio Massacci, Ilaria Matteucci: *Extending Security-by-Contract with Quantitative Trust on Mobile Devices*. Fourth International Conference on Complex, Intelligent and Software Intensive Systems, Krakow, Poland, 15-18 February, 2010: 872-877. <http://doi.ieeecomputersociety.org/10.1109/CISIS.2010.33>

Gabriele Costa, Pierpaolo Degano, Fabio Martinelli: *Modular Plans for Secure Service Composition*. Automated Reasoning for Security Protocol Analysis and Issues in the Theory of Security - Joint Workshop (Revised Selected Papers), ARSPA-WITS 2010, Paphos, Cyprus, March 27-28, 2010: 41-58. [http://dx.doi.org/10.1007/978-3-642-16074-5\\_4](http://dx.doi.org/10.1007/978-3-642-16074-5_4)

Giuseppe Amato, Paolo Bolettieri, Gabriele Costa, Francesco la Torre, Fabio Martinelli: *Detection of images with adult content for parental control on mobile devices*. 6th International Conference on Mobile Technology, Applications, and Systems, Mobility Conference 2009, Nice, France, September 2-4, 2009. <http://doi.acm.org/10.1145/1710035.1710070>

## Book chapters

Gabriele Costa, Roberto Mandati, Fabio Martinelli, Ilaria Matteucci, Artsiom Yautsiukhin: *Mitigating Security Risks in Web Service Invocations: Contract-Based Approaches*. Handbook of Research on Architectural Trends in Service-Driven Computing (2013). <http://dx.doi.org/10.4018/978-1-4666-6178-3.ch021>

## Other publications

Gabriele Costa, Alessio Merlo, Luca Verderame: *Market-Based Security for Mobile Devices*. ERCIM News 2013(93) (2013). <http://ercim-news.ercim.eu/en93/special/market-based-security-for-mobile-devices>

Gabriele Costa, Francesco la Torre, Fabio Martinelli, Paolo Mori: *Parental Control for Mobile Devices*. ERCIM News 2010(82): 61-62 (2010). <http://ercim-news.ercim.eu/en82/rd/parental-control-for-mobile-devices>

## PARTICIPATION TO EVENTS AND COMMITTEES

### Doctoral teaching committees

Systems Sciences PhD teaching committee, XXXVI PhD cycle, IMT School for Advanced Studies (2020)

Systems Sciences PhD teaching committee, XXXV PhD cycle, IMT School for Advanced Studies (2019)

Systems Sciences PhD teaching committee, XXXIV PhD cycle, IMT School for Advanced Studies (2018)

Computer Science and System Engineering PhD teaching committee, XXXIII PhD cycle, Università degli Studi di Genova (2017)

### Editorial boards

Editorial Board of Computer and Network Security, Frontiers in ICT and Frontiers in Computer Science (2020).

### Program committees

16th International Workshop on Security and Trust Management (STM), 2020

17th International Conference on High Performance Computing & Simulation (HPCS), 2019

14th International Workshop on Security and High Performance Computing Systems (SHPCS), 2019.

1st Italian Workshop on CTF Competitions (Capture.it), 2019.

16th International Conference on High Performance Computing & Simulation (HPCS), 2018

13th International Workshop on Security and High Performance Computing Systems (SHPCS), 2018.

12th International Workshop on Security and High Performance Computing Systems (SHPCS), 2017.

12th International Workshop on Automated Specification and Verification of Web Systems (WWV), 2016.

11th International Workshop on Security and High Performance Computing Systems (SHPCS), 2016.

6th International Workshop on Security, Privacy and Performance in Cloud Computing (SPCLOUD), 2016.

5th International Workshop on Security, Privacy and Performance in Cloud Computing (SPCLOUD), 2015.

### Organizing committees

**Posters, Demos, and Short Talks Chair** at the 5th IEEE European Symposium on Security and Privacy (EURO S&P), 2020.

**Startup Track Chair** at the 3rd Italian Conference on Cybersecurity (ITASEC), 2019.

**Startup Track Chair** at the 2nd Italian Conference on Cybersecurity (ITASEC), 2018.

**Demo and Exhibits Chair** at the 15th International Conference on High Performance Computing & Simulation (HPCS), 2017.

**Social Events Chair** at the 15th International Conference on High Performance Computing & Simulation (HPCS), 2017

### Lecturer at seasonal schools

Cyberwal in Galaxia, "Don't date robots On the bad marriage between Cybersecurity and ML", ESA ESEC Centre for Cybersecurity, Redu, Belgium, 4th-8th December, 2023.

### Invited talks

Invited Talk at "ABI Banche e Sicurezza" 22nd-23rd May, 2018.

Invited Talk at NATO Energy Security Centre of Excellence, Vilnius, 20th March, 2017 (with Armando Tacchella).

ESSOS'15 Industrial keynote speech "An Industrial platform for Mobile App Security Monitoring: the MAVeriC framework"(on behalf of Rocco Mammoliti).

## Participation in research groups and other memberships

Cybersecurity Edutainment, Training, Ethical Hacking and Gaming Group (CINI Work Group).  
Role: coordinator.

Game Science Research Center. Role: member of the government body.

ETAPS Community member.

## TEACHING ACTIVITIES

### Post lauream courses

- 2020 Computer security, PhD in Computer Science and System Engineering, IMT School for Advanced Studies, 2020.
- 2020 Software verification, PhD in Computer Science and System Engineering, IMT School for Advanced Studies, 2020.
- 2019 Computer security, PhD in Computer Science and System Engineering, IMT School for Advanced Studies, 2019.
- 2019 Software verification, PhD in Computer Science and System Engineering, IMT School for Advanced Studies, 2019.
- 2017 Sicurezza del codice mobile (Mobile code security), PhD in Computer science and system engineering, Università di Genova, 2017.
- 2016 Sicurezza del codice mobile (Mobile code security), PhD in Computer science and system engineering, Università di Genova, 2016.
- 2016 Sicurezza del codice mobile (Mobile code security), Second level master in Cyber Security, Università di Genova, 2016.
- 2015 Sicurezza del codice mobile (Mobile code security), PhD in Computer science and system engineering, Università di Genova, 2015.
- 2015 Sicurezza del codice mobile (Mobile code security), Second level master in Cyber Security, Università di Genova, 2015.
- 2015 Sicurezza del codice mobile (Mobile code security), First level master in Cyber Security (module AF1, AF2, AF3), Distretto Tecnologico di Cyber Security, Università della Calabria, Cosenza, 2015.

### University lectures

- 2019 – 2020 Penetration Testing, AA 19/20, CFU 6, Corso di Laurea in Informatica (MSc), Università di Firenze. Role: Lecturer.
- 2018 – 2019 Sistemi per l'Automazione (Systems for the automation), AA 18/19, CFU 11, Corso di Laurea in Ingegneria Meccanica (BEng), Università di Genova. Role: Lecturer.
- 2017 – 2018 Sistemi per l'Automazione (Systems for the automation), AA 17/18, CFU 11, Corso di Laurea in Ingegneria Meccanica (BEng), Università di Genova. Role: Lecturer.
- 2016 – 2017 Sistemi per l'Automazione (Systems for the automation), AA 16/17, CFU 11, Corso di Laurea in Ingegneria Meccanica (BEng), Università di Genova. Role: Lecturer.
- 2015 – 2016 Sistemi per l'Automazione (Systems for the automation), AA 15/16, CFU 11, Corso di Laurea in Ingegneria Meccanica (BEng), Università di Genova. Role: Lecturer.
- 2014 – 2015 Laboratorio di Fondamenti di Informatica (Computer science foundations lab), AA 14/15, CFU 3, Corso di Laurea in Ingegneria Nautica (BEng), Università di Genova. Role: Lecturer.
- 2013 – 2014 Fondamenti di Informatica A (Computer science foundations), AA 13/14, CFU 6, Corso di Laurea in Ingegneria Nautica (BEng), Università di Genova. Role: Lecturer.
- 2013 – 2014 Computer Security, AA 13/14, CFU 6, Corso di Laurea in Ingegneria Informatica (MEng), Università di Genova. Role: Teaching assistant.

- 2012 – 2013 Sistemi Operativi e Sicurezza Informatica (Operating systems and computer security), AA 12/13, CFU 9, Corso di Laurea in Ingegneria Informatica (MEng), Università di Genova. Role: Teaching assistant.
- 2011 – 2012 Sistemi Operativi e Sicurezza Informatica (Operating systems and computer security), AA 11/12, CFU 9, Corso di Laurea in Ingegneria Informatica (MEng), Università di Genova. Role: Teaching assistant.
- 2010 – 2011 Elementi di Calcolabilità e Complessità (Elements of computability and complexity), AA 10/11, CFU 6, Corso di Laurea in Informatica (BSc), Università di Pisa. Role: Teaching assistant.
- 2009 – 2010 Elementi di Calcolabilità e Complessità (Elements of computability and complexity), AA 09/10, CFU 6, Corso di Laurea in Informatica (BSc), Università di Pisa. Role: Teaching assistant.
- 2008 – 2009 Fondamenti di Informatica (Computer science foundations), AA 08/09, CFU 6, Corso di Laurea in Lettere (BA), Università di Pisa. Role: Teaching assistant.

## RESEARCH PROJECTS

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### International visits

February 2017 – May 2017 Visiting researcher at ETH Zürich

### Individual research grants

January 2019 – Present VeriOSS (programmi di attività integrata – PAI). Role: Principal investigator. Funding institution: IMT School for Advanced Studies.

June 2016 – July 2016 Enforceable security policies in Fog Computing (individual research grant). Role: Principal investigator. Funding institution: Swiss National Science Foundation (SNF). Grant number: IZK0Z2\_168370. Host institute: Information Security Group, ETH Zürich

### EU projects

February 2019 – Present SPARTA, Strategic Programs for Advanced Research and Technology in Europe (Project no. 830892, H2020-EU.2.1.1: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)). Role: HAIL-T Program Leader.

October 2010 – January 2014 SPaCloS, Secure Provisioning and Consumption in the Internet of Services (Project no. 257876, FP7-ICT-2009.1.4: Trustworthy ICT).

October 2010 – March 2014 NESSoS, Network of Excellence on Engineering Secure Future Internet Software Services and Systems (Project no. 256980, FP7-ICT-2009.1.4: Trustworthy ICT).

August 2010 – January 2014 Aniketos, Secure and Trustworthy Composite Services (Project no. 257930, FP7-ICT-2009.1.4: Trustworthy ICT).

February 2009 – July 2012 Connect, Emergent connectors for eternal software intensive networked systems (Project no. 231167, FP7-ICT-2007.8.6: ICT forever yours).

### National projects

January 2017 – Present FilieraSicura, Securing the Supply Chain of Domestic Critical Infrastructures from Cyber Attacks ([www.filierasicura.it](http://www.filierasicura.it)). CINI Cybersecurity National Laboratory project funded by CISCO Systems Inc. and Leonardo SpA.

2011 – 2014 Security Horizons, Progetto di Ricerca di Interesse Nazionale (PRIN 2010-2011).

## STARTUPS AND LABORATORIES

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**Talos** Co-founder and Chief Research Officer of the startup *Talos s.r.l.s.* ([www.talos-security.com](http://www.talos-security.com))

**CSecLab** Co-founder of the Computer Security Laboratory (CSecLab), Università degli Studi di Genova.

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**OTHER ACTIVITIES AND AWARDS**

- 2019 CyberChallenge.it, founder and coordinator of the C3T hacking team *born2scan*.
- 2014 Idea Challenge EIC ICT Labs of the European Institute of Innovation and Technology, finalist.
- 2013 Start Cup Università degli Studi di Genova, 1st place.
- 2010 Start Cup Istituto di informatica e telematica (Pisa), finalist.

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**TOOL DEVELOPMENT**

- Jalapa** <http://jalapa.sourceforge.net/>
- iCareMobile** <http://icaremobile.iit.cnr.it/>
- SPaCloS Tool** <http://www.spacios.eu/>
- SATMC@NESSoS** <http://svn.pst.ifi.lmu.de/update/NESSoStools/SATMC/>
- BYODroid** <http://www.ai-lab.it/byodroid/index.html>
- SCP** <https://github.com/SCPTeam/Safe-Component-Provider>
- Maveric** [http://www.posteitaliane.it/it/innovazione/campus\\_tecnologico/certcyb.shtml](http://www.posteitaliane.it/it/innovazione/campus_tecnologico/certcyb.shtml)
- PESTS** <https://github.com/SCPTeam/pests>
- WAF-A-MoLE** <https://github.com/AvalZ/waf-aml>



I hereby authorize the processing of my personal data according to art. 13 of Italian LD 196 30/6/2003 as well as art. 13 GDPR (UE regulation 2016/679)

Lucca, 01/01/2024