

Ilaria Matteucci

| **Nationality:** Italian | **Gender:** Female |

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About me:

My research and design activity is focused on three main topics:

- Study of techniques based on process algebras for the analysis and enforcing of privacy and security properties and the design of translation functions between languages allowing to specify access and usage control policies on sensitive resources and data.
- Offensive and defensive security in the automotive domain: in-depth studies of security issues that may occur in both intra-vehicle network and in the communications of a vehicle with the surrounding environment, such as intelligent traffic lights, other vehicles and motorway infrastructure.
- Study of security properties in the domain of emerging systems: a case study was analysed concerning personal data that can be aggregated using public information on social networks, highlighting vulnerabilities and possible risks.

From 2020 I work as reviewer for the European Commission for both NGI and Horizon Europe projects.

WORK EXPERIENCE

16/01/2012 – CURRENT – Pisa, Italy

RESEARCHER (PERMANENT POSITION) – ISTITUTO DI INFORMATICA E TELEMATICA, CONSIGLIO NAZIONALE DELLE RICERCHE

01/06/2009 – 15/01/2012 – Pisa, Italy

RESEARCHER (TEMPORARY POSITION) – ISTITUTO DI INFORMATICA E TELEMATICA, CONSIGLIO NAZIONALE DELLE RICERCHE

06/04/2009 – 05/05/2009 – Pisa, Italy

POST-DOCTORAL RESEARCHER – ISTITUTO DI INFORMATICA E TELEMATICA, CONSIGLIO NAZIONALE DELLE RICERCHE

05/04/2008 – 04/04/2009 – Trento, Italy

POST-DOCTORAL RESEARCHER – CREATE-NET

26/11/2004 – 10/12/2008 – Pisa, Italy

ASSOCIATE TO RESEARCHER ACTIVITIES – ISTITUTO DI INFORMATICA E TELEMATICA, CONSIGLIO NAZIONALE DELLE RICERCHE

In the period between the 26th of November 2004 and the 10th of December of 2008, I collaborates with the Istituto di Informatica e Telematica, Consiglio Nazionale delle Ricerche with different contracts as associated researcher.

EDUCATION AND TRAINING

11/2004 – 22/04/2008 – Pian dei Mantellini, Siena, Italy

PH.D – Università di Siena, Dipartimento di Matematica e Informatica "R. Magari"

27/10/2005 – Pain dei Mantellini, Siena, Italy

MASTER II LEVEL – Università di Siena, Dipartimento di Matematica e Informatica "R. Magari"

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PUBLICATIONS

See the list of my publications to the DBLP database

<https://dblp.org/pid/99/3823.html>

In-Depth Exploration of ISO/SAE 21434 and Its Correlations with Existing Standards.

G. Costantino, M. De Vincenzi, I. Matteucci. IEEE Commun. Stand. Mag. 6(1): 84-92 (2022)
<https://ieeexplore.ieee.org/document/9762839> – 2022

A Delphi study to recognize and assess systems of systems vulnerabilities.

M. A. Olivero, A. Bertolino, F. J. Domínguez Mayo, I. Matteucci, M. J. Escalona. Inf. Soft. Tech. 146
<https://www.sciencedirect.com/science/article/pii/S0950584922000404?via%3Dihub> – 2022

Digital persona portrayal: Identifying pluridentity vulnerabilities in digital life

M. A. Olivero, A. Bertolino, F. J. Domínguez Mayo, I. Matteucci, M. J. Escalona. J. Inf. Secur. Appl.
<https://www.sciencedirect.com/science/article/pii/S2214212619308014?via%3Dihub> – 2020

Risk analysis of Android applications: A user-centric solution.

G. Dini, F. Martinelli, I. Matteucci, M. Petrocchi, A. Saracino, D. Sgandurra. FGCS
<https://www.sciencedirect.com/science/article/pii/S0167739X16301534?via%3Dihub> – 2018

A tour of secure software engineering solutions for connected vehicles

<https://link.springer.com/article/10.1007/s11219-017-9393-3> – 2018

Antonia Bertolino, Antonello Calabrò, Felicita Di Giandomenico, Giuseppe Lami, Francesca Lonetti, Eda Marchetti, Fabio Martinelli, Ilaria Matteucci, Paolo Mori. Softw. Qual. J. 26(4): 1223-1256 (2018)

PROJECTS

06/2020 – 06/2021

COSCA: COnceptualising Secure CArs. European Project - Horizon 2020 - NGI Trust

Participant

06/2020 – CURRENT

E-CORRIDOR: Edge enabled Privacy and Security Platform for Multi Modal Transport European Project - Horizon 2020

Participant

10/2016 – 10/2019

C3ISP: Collaborative and Confidential Information Sharing and Analysis for Cyber Protection. European Project - Horizon 2020

Participant

10/2010 – 03/2014

NESSOS: Network of Excellence on Engineering Secure Future Internet Software Services and Systems. FP7 European Project

Participant

01/09/2015 – 31/08/2019

NeCS: European Network for Cyber-security. European Project - Horizon 2020

Participant

01/09/2012 – 30/06/2015

SESAMO – Security and Safety Modelling. European Project - ARTEMIS

Participant

01/10/2013 – 31/10/2016

Co Co Cloud - Confidential and Compliant Clouds. European Project - FP7

Participant

01/09/2011 – 31/03/2014

Aniketos - Secure and Trustworthy Composite Services. European Project - FP7

Participant

01/02/2009 – 30/11/2012

CONNECT- Emergent Connectors for Eternal Software Intensive Networked Systems. European Project - FP7

Participant

01/02/2012 – 31/01/2016


TENACE. Italian Project - PRIN

Participant

Participant

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

Pisa, 02/05/2022



Ilaria Matteucci