PERSONAL INFORMATION

Luca Durante

CNR - IEIIT - Istituto di Elettronica e di Ingegneria dell'Informazione e delle Telecomunicazioni
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Sex Male | Date of birth 09/07/1966 | Nationality Italian

WORK EXPERIENCE

January 2002 – present — **Senior researcher at the National Research Council of Italy (CNR-IEIIT)**

- Research in the areas of industrial communications and formal methods for the analysis of security properties of complex systems and networks.
- Teaching courses, School of Information Engineering, Politecnico di Torino.
- Advising Master and PhD theses.

October 1995 – December 2001 — **Assistant Professor at the Politecnico di Torino (Italy)**

- Research in the areas of industrial communications and formal methods for the analysis of complex systems and networks.
- Teaching courses, School of Information Engineering, Politecnico di Torino.
- Advising Master theses.

EDUCATION AND TRAINING

November 1996 — PhD in Computer and Control Engineering, Politecnico di Torino

May 1992 — Laurea degree in Electronic Engineering, Politecnico di Torino

PERSONAL SKILLS

Mother tongue(s) — Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	A2	A2	A2	A2	A1

Communication skills — Good communication skills gained through my experience as:
- conferences and seminars speaker
- university lecturer

Organisational / managerial skills — Scientific coordinator of research teams in European Projects

Job-related skills — System modelling for security analysis of Industrial Control Systems and Critical Infrastructures:
- vulnerability analysis
- access control policies design, implementation and optimization

Computer skills	Productivity tools: ▪ LibreOffice, Microsoft Office™ tools Typesetting tools: ▪ latex Programming languages ▪ C, C++, assembler, SQL and more Operating systems configuration and management ▪ Linux, Mac Os X, MS Windows™
Other skills	Woodworking
Driving licence	B

ADDITIONAL INFORMATION

Publications	Co-authored 70 scientific papers. The full list can be found at https://www.cnr.it//people/luca.durante: ▪ 18 international journals ▪ 6 Italian journals ▪ 43 international conferences ▪ 2 Italian conferences ▪ 2 book chapters
Projects	▪ Team member in 9 national/international research projects. ▪ Coordinator of the CNR team in 3 European Projects and more: 　▫ DESEREC (www.deserec.eu) (2006-2009)- Whole project grant: 9'130'001 €, CNR team grant: 426'394 €. 　▫ INMOTOS (www.inmotos.eu) (2010-2012) - Whole project grant: 1'113'451 €, CNR team grant: 160'220 €. 　▫ CyberSec4Europe (cybersec4europe.eu/) (2019-2022) - Whole project grant: 15'999'981,25 €, CNR team grant: 144'895 €. 　▫ SECAFC (2015-2016) – Project with Private Italian Company Emerson s.r.l., grant: 21'000 €.
Conferences	I presented many of the conference papers I co-authored. Program Co-Chair of WFCS 2017, 13rd IEEE International Workshop on Factory Communication Systems, Trondheim (Norway), May 2017. General Co-Chair of WFCS 2018, 14th IEEE International Workshop on Factory Communication Systems, Imperia (Italy), June 2018. General Co-Chair of ETFA 2018, 23rd IEEE International Conference on Emerging Technologies and Factory Automation, Torino (Italy), September 2018.
Seminars	16 seminars at universities, meetings and private companies.
Honours and awards	▪ High Honor Paper Award for: *D. Pozza, R. Sisto, L. Durante, "Spi2Java: Automatic Cryptographic Protocol Java Code Generation from Spi Calculus", Proc. of the 18th Intl Conf. on Advanced Information Networking and Applications (AINA 2004), pp. 400-405, 2004.* ▪ Italian National Association for Automation (ANIPLA): Award for the best paper presented to ANIPLA conferences in the year 2013. Award assigned to the paper "Cyber-security and industrial networks".
Memberships	Member of the IEEE Industrial Electronics Society (2013). Member of the IEEE- IES Technical Committee on Factory Automation (TCFA)