

Curriculum Vitae

Dott. Ing. Andrea Lanna

Personal Information

Name	Andrea
Surname	Lanna
Nationality	Italian
Gender	Male

Education And Training

2012 – on going	Ph.D. in Systems Engineering and Operations Research <i>“Sapienza” University of Rome</i> Supervisor: Prof. Francesco Delli Priscoli
2011	Master of Science in Control Systems Engineering, <i>“Sapienza” University of Rome</i> Thesis: <i>“Optimal Planning and Routing in support of Powerline Communications In Medium Voltage Network Control and Management”</i> Supervisor: Prof. Francesco Delli Priscoli
Previous studies	Bachelor in Controls and Automation Systems Engineering <i>“Sapienza” University of Rome</i> Industrial Technical Institute Diploma Electronic and Telecommunication specialization <i>“ITIS G. Vallauri”, Velletri (RM).</i>

Certifications and Qualifications

2014	IEEE member
2014	Licenced Engineer by “Ordine degli Ingegneri Industriali” (Italian Industrial Engineering Board)
2012	PhD scholarship at “Sapienza” University of Rome
2004	ECDL certification

Research activity

Main research projects	DAAS. <i>Data Analysis and Acquisition System.</i> ■ ■ POR FESR Regione Lazio Affiliation: "Sapienza" University of Roma
	COCKPIT-CI. <i>Cybersecurity on SCADA: risk prediction, analysis and reaction tools for Critical Infrastructures.</i> ■ EU FP7-SECURITY project n. 285647, web site: www.cockpitci.eu Affiliation: CRAT (a "Sapienza" University of Rome spin-off)
	nSHIELD. <i>New embedded Systems architecture for multi-Layer Dependable solutions</i> ■ EU FP7-JTI project n. 269317, web site: www.newshield.eu Affiliation: "Sapienza" University of Roma
	DLC+VIT4IP. <i>Distribution Line Carrier: Verification, Integration and Test of PLC Technologies and IP Communication for Utilities.</i> ■ EU FP7-ICT project n. 247750, web site: www.dlc-vit4ip.org Affiliation: CRAT (a "Sapienza" University of Rome spin-off)

Main publications	A. Lanna, F. Liberati, L. Zuccaro, and A. Di Giorgio, "Electric Vehicles Charging Control based on Future Internet Generic Enablers," in <i>2014 IEEE International Electric Vehicle Conference (IEVC 2014)</i> , Florence, Italy, Dec. 2014.
	L. Zuccaro, A. Di Giorgio, F. Liberati, S. Canale, A. Lanna, V. Fernandez Pallares, A. Martinez Blanco, R. Urbano Escobar, J. Ratej, B. Mehle, and U. Krisper, "Smart Vehicle to Grid Interface Project: Electromobility Management System Architecture and Field Test Results," in <i>2014 IEEE International Electric Vehicle Conference (IEVC 2014)</i> , Florence, Italy, Dec. 2014.
	A. Fiaschetti, A. Morgagni, A. Lanna, M. Panfili, S. Mignanti, R. Cusani, G. Scarano, A. Pietrabissa, V. Suraci, F. Delli Priscoli. <i>Control Architecture to Provide E2E security in Interconnected Systems: the (new) SHIELD Approach.</i> 18th International Conference on Circuits, Systems, Communications and Computers (CSCC'14), Santorini Island, Greece, Jul. 2014.
	S. Canale, A. Di Giorgio, A. Lanna, A. Mercurio, M. Panfili, and A. Pietrabissa, "Optimal Planning and Routing in Medium Voltage PowerLine Communications Networks," <i>IEEE Transactions on Smart Grid</i> , vol. 4, no. 2, pp. 711–719, Jun. 2013.
	S. Canale, F. Delli Priscoli, A. Di Giorgio, A. Lanna, A. Mercurio, M. Panfili, and A. Pietrabissa, "Resilient planning of PowerLine Communications networks over Medium Voltage distribution grids," <i>20th Mediterranean Conference on Control & Automation (MED)</i> , pp.710-715, Jul. 2012.

Languages

Italian	Mother tongue
English	Advanced
French	Scholastic

Informatics Competences

Operative Systems	Mac OS X, Windows, Linux
Programming Lang	C/ C++, HTML, PHP, XML, CSS
Academic SW	Matlab, Simulink, ILOG IBM Cplex, GUROBI Optimizer, AMPL, IBM SPSS.
Office Suite	Excellent
Other	Microsoft Project, Microsoft Visio, LaTeX, Adobe Suite.