

Marco Mugnaini short CV

Ph.D. in Reliability Availability and Logistics, University of Florence, Italy, 2003, Laurea Degree (110/110 cum Laude) in Electronics Engineering with major in Non Linear Automatic Controls, University of Florence, Italy, 1999.

Since 2014 he has obtained the scientific qualification for ASSOCIATE PROFESSORSHIP on Electronic Measurements E9/04 (W2) from the Italian Ministry of Education.

During His career he covered the following roles:

Assistant Professor at the University of Siena (Manager of the electronics training lab.), University of Siena, Italy, 2013-Present Faculty and Professor at the Electrical and Electronics Technology Dept. at the Higher Colleges of Technology Abu Dhabi, UAE, 2012 – 2013 Assistant Professor at the University of Siena (Manager of the electronics training lab.), University of Siena, Italy, 2005-2012 Co-founder of the SENSIA Srl Company, Italy, 2008 www.sensia.it Co-founder of the DESMOWEB Srl Company, Italy, 2009 www.desmoweb.com Product Safety Engineer at General Electric (GE) Power System Oil and Gas Division with the responsibility of leading the design for safety of five production sites (AC Compressor, Gemini, Rotoflow, Thermodyn, PII), Florence, Italy, 2003-2005.

Visiting Professor at Universitat Politecnica de la Catalunya (UPC) where he delivered classes at the PhD. Program.

He has been in charge of measurements and reliability classes since 2005.

In 2003 Marco Mugnaini received the award for the best National Ph.D. thesis in the maintenance context from CNIM (National Italian Centre for Maintenance)

He is also:

Research Collaborator with Meyer Children Hospital (reference Prof Elio Novembre) Florence

Editor in Chief of the International Journal of Instrumentation Technology (IJIT)

Associate Editor of the International Journal of Power Electronics and Drives

Editorial Board of the "Safety" Journal MDPI since 2015

Organizing committee member of IEEE student competition UAE, 2013

Stirring Committee of IEEE student competition UAE, 2013

Judges Coordinator of IEEE student competition UAE, 2013

Director of the educational Electronics and Electronic Measurement Laboratory.

2006 RAV member (Faculty auto evaluation board)

Member of the Board of Electronic and Telecommunication Branch since 2010

Associate Technical Program Chair for the following Conferences:

IEEE Sensor application Symposium (IEEE SAS)

IEEE Multi-Conference on Systems, Signals & Devices SSD

IEEE Instrumentation and Measurement I2MTC

Rector delegate for the Safety Manager Intra Faculty Regional Organization since 2010-2011

Reviewer for IEEE Transaction on Instrumentation and Measurement, for IEEE Transaction on Neural Networks Journals, Reliability Engineering and System Safety, JCST and IEEE IMSC coordinator.

Member of the Ph.D. School Board in Bionformatics University of Siena since 2008 up to 2011.

He published more than 87 papers on International Journals and Conference Proceedings and 4 International Patents. He participated in the creation of the Sensia srl spinoff company and Desmoweb srl company.

He got contracts from private and public organizations for measurement researches for a total amount of about:1000000€.