

Marco Storace

Full Professor

EDUCATION AND TRAINING

1998

Research stay funded by the University of Genoa

Nonlinear Systems Laboratory, École Polytechnique Fédérale de Lausanne, under the supervision of Prof. Martin Hasler

November 1994 – October 1997

Ph.D. in Electrical Engineering

University of Genoa, under the supervision of Prof. Mauro Parodi

September 1988 – March 1994

Five-year degree in Electronic Engineering

University of Genoa

July 1988

Classical high school diploma

Liceo Ginnasio Statale "G. Mazzini", Genoa

PROFESSIONAL HISTORY

2004-2011

Associate Professor

University of Genova

2000-2003

Adjunct Lecturer

"Elettrotecnica A" - Basic Circuit Theory (7.5 ECTS, first-year, compulsory course) for the Bachelor's degree programs in Electronic, Computer, and Telecommunications Engineering
Politecnico di Milano, Faculty of Engineering V

1999-2004

Researcher (Assistant Professor equivalent)

University of Genova

ACADEMIC APPOINTMENTS

[2022-2025](#)

Program Coordinator, Bachelor's Degree in Electronic Engineering (CL3 IETI)

University of Genova

[2021-2024](#)

Member of the Council of the Polytechnic School

University of Genova

[2018-2022](#)

Coordinator of the ICT Division, Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN)

University of Genova

[2014-2018](#)

Deputy Director, Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN)

University of Genova

[2012-2024](#)

Member of the Executive Committee (“Giunta”), Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN)

University of Genova

[2012-](#)

Member of the Steering Committee (“Commissione Indirizzo”), Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN)

University of Genova

[2001-2006](#)

Member of the Executive Committee (“Giunta”), Department of Biophysical and Electronic Engineering (DIBE)

University of Genova

EXPERIENCE

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

2009-2012 Principal Investigator of the European Project MOBY-DIC "Model-based synthesis of digital electronic circuits for embedded control" (FP7-INFISO-ICT-248858)

<https://cordis.europa.eu/project/id/248858>

European Union

2007-2008 Principal Investigator of the National Research Project (PRIN2006) "Approximation of networks of nonlinear dynamical systems (biologically-plausible neuron models) and implementation of parallel-architecture circuits for their emulation"

Italian Ministry for University and Research

TEACHING OR RESEARCH POSITIONS (FELLOWSHIPS) AT FOREIGN UNIVERSITIES AND RESEARCH INSTITUTES

2023-2026 Research Professor

University of New Mexico (USA), School of Engineering

EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

2008-2009 Associate Editor, IEEE Transactions on Circuits and Systems-II, Area: Nonlinear Circuits and Systems

IEEE

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

2024 Best Track Manuscript Recognition for the paper "A Nonlinear Model of air-Gapped ferrite-Core Inductors for SMPS Applications," 2024 IEEE International Symposium on Circuits and Systems (ISCAS'2024)

IEEE Circuits and Systems Society - Nonlinear Circuits and Systems Technical Committee

2021-2023 Chair of the Nonlinear Circuits and Systems Technical Committee (NCAS), IEEE Circuits and Systems Society

IEEE

2014- Senior member

IEEE

PARTICIPATION IN THE CREATION OF NEW BUSINESS ENTITIES (SPIN-OFFS), DEVELOPMENT, USE AND COMMERCIALISATION OF ACADEMIC PATENTS

2013

European Patent N. EP2672340A1, and subsequent international extension

<https://patents.google.com/patent/WO2013182934A1/it>

University of Genoa

OTHER EXPERIENCES

Co-author of 2 books (Linear and Nonlinear Circuits: Basic & Advanced Concepts, Vol. 1 & 2, Lecture Notes in Electrical Engineering, Springer) and approximately 200 scientific papers, more than half of which were published in international journals.

https://scholar.google.it/citations?user=JfsZE_sAAAAJ&hl=it&oi=ao