



# DITEN

Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni  
Scuola Politecnica, Università degli Studi di Genova

## Corsi di Studio in Ingegneria Elettrica

### Paolo Pinceti

Qualifica: Ricercatore, tempo parziale

Settore Scientifico-Disciplinare: ING-INF/07

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#### Ambiti di insegnamento e ricerca

Misure Industriali – Automazione Industriale – Reti di Comunicazione Industriale

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#### Breve Curriculum Vitae

Paolo is a professor at the University of Genoa, where he teaches:

- “Industrial Measurements” for electrical engineers
- “Technologies for Industrial Automation” for computer science and electronic engineers

Author of more than 130 scientific contributions on international publications or conferences (see attached bibliography) in the area of:

- Power systems analysis
- Automation, control, and protection of power systems
- Fieldbus based communication techniques for industrial automation
- Advanced instrumentation and automation for industrial plants

Paolo is the founder and manager of MAILab (Measurement and Automation for Industry Laboratory) that is one of the research units of the Electrical, Electronic, telecommunication and Naval Engineering Department (DITEN), and operates in the fields of:

- Instrumentation and Measures for Process Control
- Automation of industrial processes and electrical power systems
- Power Quality study and measurements
- Testing and Metering services for energy users and producers
- Distributed Energy Resources

#### KEY Qualifications:

- Paolo was nominated and today is “Rector Deputy for Sports” of the Genoa University in 2008
  - Visiting Professor at the South-West University in Chong Cing (China) in 2009
  - Teacher at the Enel University : « Intelligent Electrical/Field Devices and Communication Protocols », 2010-2011
  - In 2013 Paolo created a ETAP Power Laboratory for the students of the University of Genoa.
  - Italian delegate at IEC, TC65B, and Project Leader of Working Group 6 that in May 2014 issued the IEC Std. 62603, “Guideline for Process Control System Evaluation”
  - Expert for UNIDO for PV Application Technologies
  - Member of Technical Committee of the magazine Fieldbus&Network
  - Member of Technical Committee of SPS-IPC-Drives, Messe Frankfurt Italia, Parma
  - Expert Evaluator for the European Commission (DG12-Research), Fifth Framework Programme
  - Co-founder of the University spin-off companies:
    - . Genoa Fieldbus Competence Centre – Profibus/Profinet Competence and Training Centre – ETAP Solution Partner
    - . SunWise – Wireless monitoring for PV plants
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## Corsi di Studio in Ingegneria Elettrica

### Pubblicazioni significative

- 1 P.Pinceti, et al., "Automazione Industriale in Italia: realtà e prospettive", Franco Angeli, 1999, ISBN 88-464-1833-6
  - 2 N.O.Mahalik, P.Pinceti, et al., "Advanced functions for fieldbus based integrated control systems", Springer-Verlag, Fieldbus Technology: industrial network standards for real-time distributed control, 2003 XXXII, ISBN 3-540-40183
  - 3 P.Pinceti, "SCADA per sistemi elettrici", Franco Angeli Editore, Milano, 2003, ISBN 88-464-4491-6
  - 4 P.Pinceti, "L'impianto di distribuzione in media tensione - fondamentali e soluzioni per la distribuzione secondaria", Siemens 2009, ISBN 978-88-904026-0-9
  - 5 P.Pinceti, M.Caserza Magro, Chapter on "Configuring Intelligent Field Devices", in the Instrument Engineers' Handbook, Volume 3: Process Software and Digital Networks, (editor B.G. Liptak), CRC Press, Fifth Edition (expected 4Q 2014)
  - 6 P.Pinceti, D.Prando, "Sensitivity of parallel harmonic filters to parameters variations", Elsevier - International Journal of Electric Power and Energy Systems, 2014
  - 7 P.Pinceti, M.Vanti, "An algorithm for the automatic detection of islanded areas inside an active network", IEEE Transactions on Smart Grids, 2014
  - 8 P.Pinceti, M.Vanti, GP.Macera, C.Brocca, M.Carnesecchi, "Design criteria for a Power Management System for Microgrids with renewable sources", Elsevier - Electric Power System Research, 2014
  - 9 P.Pinceti, M.Caserza Magro, "Process Control Systems for Industrial Applications – A new Guideline from IEC for Specification, Comparison, and Testing", InTech, July-August 2014 (web exclusive)
  - 10 P.Pinceti, M.Caserza Magro, "IEC 62603: Nuove linee-guida per progettare, valutare e provare i sistemi di automazione", Automazione e Strumentazione, Jan. 2014, pp.84-88
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