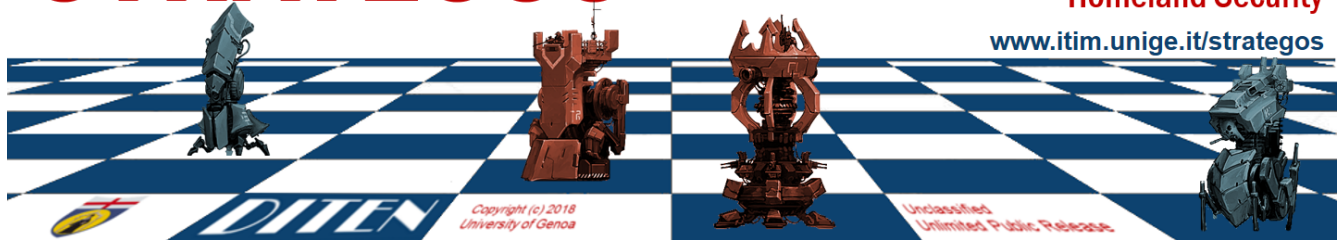


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Master of Science on Engineering Technology for Strategy and Security

STRATEGOS Faculty

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Present Position
Associate Professor at the University of Genoa

Professional Experiences

Researcher at the University of Genoa (2008-2021)

Temporary research assistant, University of Genoa (2004-2007)

Lecturer, Circuit Theory courses, Bachelor Degree in Mechanical Engineering, La Spezia Campus (since 2006).



Education & Special Certificates

2004, PhD (Electrical Engineering, University of Genoa, Italy)

2000 Master degree (Electrical Engineering, University of Genoa, Italy)

Scientific Experiences

More than 70 papers, published on international journals or proceedings of international conferences. Two chapters in edited books. Coauthor of the book *Microgrid Design and Operation: Toward Smart Energy in Cities*

Projects

RESILIENT - Coupling renewable, storage and ICTs, for low carbon intelligent energy management at district level (FP7-2012-NMP-ENV-ENERGY-ICT-EeB, Grant no. 314671),

OPTIMUS - Optimizing energy use in cities with smart decision support system (FP7 SMARTCITIES - Objective ICT-2013.6.4 Grant no. 608703)

SESMAG - Secure Smart Grid (HOME/2012/CIPS/AG/4000003782)

GridFlexibility4Chile PoC: Enel proof of concept on exploiting users' flexibility to deliver services to the distribution network

Living Grid (CTN02_00018_9856993, National Technological Energy Cluster). National project involving System Operators (both transmission and distribution), national research centers and universities, on network observability, network flexibility, and optimization & management of decentralized resources on the distribution network.

PICK-UP - IoT Sensor Integration Platform for the Control of Energy KPIs in the Urban Area and the Planning of Energy Efficiency Interventions and Integration with Microgrid (project funded by Liguria region, POR FESR 2014-2020).

Research Interests

- **Lightning modelling**
- **Transmission lines analysis and lightning-induced overvoltages**
- **Microgrids and smart grids management**
- **Power system flexibility**

Languages **Italian (Native Language)**

English

Useful Links **<https://rubrica.unige.it/personale/UkNHWF1q>**

Date ***Last Update on April 19, 2021***

I hereby authorize STRATEGOS, Genoa University and Simulation Team to share my CV for Professional and Scientific Reasons with Companies & Institutions