
Current Academic Positions

- Full Professor of Telecommunications, University of Cagliari, Italy (since 2002).

Education

- PhD in Telecommunications, University of Genoa, Italy, 1989.
- MSc in Electronic Engineering, University of Genoa, Italy, 1986.

Past Academic Positions

- President of the Course of studies in Telecommunication Engineering, Faculty of Engineering, University of Cagliari (2007-2019).
- Associate Professor of Telecommunications, University of Cagliari, Italy (1998-2001).
- Visiting Professor at the University of Braunschweig, Germany (1995 and 1998).
- Assistant Professor of Telecommunications, University of Cagliari, Italy (1994-1997).
- Research Associate, DIBE, University of Genoa (1990-1993).

Other Positions

- Head of Italian Delegation, ISO Smart Cities Committee (2016-2020).
- Member of CNIT Scientific Council and member of the executive board of CNIT Scientific Council (2020-2023)
- Head of Italian Delegation, ISO JPEG committee (1999-2016).
- Member of the IEEE Board of Standards (2007-2010).
- Member of the General Assembly of UNINFO, the Italian standardization body in the field of ICT (since 1999).
- Member of UNINFO Executive Committee (2010-2016).

Appointments at the European Commission

- Evaluator/Auditor for the Commission of the European Union.
- Evaluator/Auditor for several Italian public bodies.

Awards

- Co-recipient of an 1998 IEEE Chester Sall best paper award.
- Recipient of the 1993 AEI Ottavio Bonazzi best paper award.
- IEEE senior member.
- Sardinian StartCup (best start-up, 2010).
- Hackathon 1st prize, Geneve, IoT week 2017.

Professional Interests

- IoT
- Smart cities
- Telecommunication systems and networks
- Sensor networks
- Professional mobile radio systems
- Digital media
- Intelligent Transport Systems and Infomobility
- Videosurveillance and visual inspection systems

Coordination of R&D Projects (most recent and significant)

- Cagliari2020 (Italian Ministry for University and Research, 24 Millions Euro, 2017-2022)
- CagliariPort2020 (Italian Ministry for University and Research, 10 Millions Euro, 2016-2019)
- IKNOS (Italian Ministry for University and Research, 6 Millions Euro, 2006-2009)
- Infomobility system for the Metropolitan City of Cagliari (Regional Administration of Sardinia, 18 Millions Euro, 2009-2013) (responsible for planning and designing the system and its subsystems)

Publications

Over 50 papers published in international peer-reviewed journals (IEEE Transactions and others) and over 150 papers presented at international conferences.

Cagliari, January 20, 2024