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Pedro Vieira

Associate Researcher

Instituto de Telecomunicações - IUL (ISTA)
[Radio Systems Group]



Contacts

E-mail

Pedro.Manuel.Carvalho.Vieira@iscte-iul.pt

Curriculum

Pedro Vieira was born in Lisbon, Portugal, in 1974. He received the Eng., the M.Sc. and the Ph.D. degree in Electrical and Computer Engineering from Instituto Superior Técnico (IST), Technical University of Lisbon, Portugal, in 1997, 2003 and 2008, respectively.

Since 1997, he has been with the Electronics, Telecommunications and Computer Engineering Department, in the Lisbon Polytechnic Institute (ISEL). He is currently an Adjunct Professor in ISEL and lectures radio communications courses, including mobile communications. In parallel, he has supervised and co-supervised more than 80 theses between bachelor's, MSc and PhD degrees in ISEL and also in IST.

He is also a Researcher at Instituto de Telecomunicações, where he is researching aspects of wireless communications, including radio and visible light propagation, wireless network planning and optimization and also SON systems. He has participated/led more than 20 research projects at both national and international level, and authored/co-authored more than 200 journal and conference papers in the aforementioned topics.

He is also a senior engineer registered in the Portuguese Engineering Order (OE), and a OE telecommunications specialist, since 2008. In 2016, he obtained the title of specialist in telecommunications by the Polytechnic Institute of Lisbon (IPL).

Currently, he is leading the research activities in CELFINET, a Portuguese technological consultancy company, where he is engaging in applied research to create new methodologies, tools and algorithms for the mobile communications business. Additionally, he is also pursuing his Executive Master of Business Administration (MBA) in ISCTE Business School.

Research Interests

Telecommunications

Mobile Communications
2G/3G/4G/5G Systems
Visible Light Communications
Self-Organizing Networks

Academic Qualifications			
University/Institution	Type	Degree	Period
Instituto Politecnico de Lisboa	Other type of qualification	Título de Especialista em Telecomunicações	2016
Universidade de Lisboa - Instituto Superior Tecnico	PhD	Engenharia Eletrotécnica e de Computadores	2008
Universidade de Lisboa - Instituto Superior Tecnico	M.Sc.	Engenharia Eletrotécnica e de Computadores	2003
Universidade de Lisboa - Instituto Superior Tecnico	Licenciate	Engenharia Eletrotécnica e de Computadores	1997

Research Projects			
Project Title	Role in Project	Partners	Period
6G Self Organising and Managing Open Radio Access Network	Local Coordinator	IT-Iscte, CELFINET - (Portugal), Allbesmart - (Portugal)	2025 - 2027