

Alessandro Andreadis

(short CV)

Alessandro Andreadis is assistant professor in Telecommunications at the Department of Information Engineering and Mathematics of the University of Siena, Italy, where he has been teaching several courses (Telecommunication Networks, Systems and Technologies for Multimedia Networking, Internet Protocols and Multimedia Communications, Personal Communications, Mobile Communications and Security, Cybersecurity).

Currently, he is teaching at the Master of Science in Electronics and Communications Engineering the advanced course of “*Mobile Communications and Internet of Things*”.

He was born in Siena, Italy, in 1965 and graduated in Electronic Engineering at the University of Florence, Italy, in 1993. In the same year, he joined the Department of Engineering of Siena University, under a fellowship funded by Regione Toscana, for a two-years research program on broadband networks. Regione Toscana funded his work for further two years, for the development of telematic services for small and medium enterprises.

He has carried out intense research and teaching activities at University of Siena and he has been teaching in several University master courses. He has been supervisor of about 160 degree theses, mainly related to communication protocols and networking.

Since 1995, he has been deeply involved, as technical responsible or project manager, in several national and international projects funded by the European Commission, under ACTS (Advanced Communication Technologies and Services), ESPRIT and IST (Information Society Technologies) programmes, focusing on the development of location-aware services, personalized and adaptive multimedia applications for fixed and mobile networks. He has been co-founder of two University spin-off companies, working in the field of ICT (Information and Communication Technologies) for the design and development of added-value services for mobile devices.

He has also designed, implemented and managed a Voice over IP system, Internet telephony and IP-PBX for the Department of Information Engineering and Mathematics of the University of Siena.

His main research interests focus on MAC scheduling and QoS issues in wireless and mobile networks, TCP over wireless/mobile, VoIP systems, Internet of Things applications and protocols for remote monitoring for health care, environment and smart agriculture.