

Dr. Tosi-Beleffi Giorgio Maria

Employee at the Italian Ministry of Economic Development (MiSE), Office of the Undersecretary of State deputy for Telecommunications, with responsibilities on electronic communications and broadband development.

Senior IEEE Leos Member from 2010 with a PhD on Telecommunications and Microelectronic Engineer got in 2006 at the University of Tor Vergata in Rome, Dr. Tosi Beleffi participated to four international European projects (FP5 ATLAS, FP6 ePhoton One+, PF7 BONE and FP7 SARDANA) and four international coordinated actions COST 266, COST 291, COST MP0702 and COST IC1101 on technological issues related to broadband networks, infrastructures and devices. From 2011 to 2013 coordinated two internal projects on the economic evaluation of the impact of broadband over the Italian territory. In 2012 has been the coordinator of a special unit entitled "next generation networks and optical fibers".

From 2009 to 2014, Dr. Tosi Beleffi has been national coordinator of the ITU-T SG13 and vice national coordinator of ITU-T SG15, on telecommunications transport, metro and access technologies and infrastructures while in 2012 been part of the national delegation to ITU WCIT in Dubai.

From 2014 to 2015 held the position of secretary of the of the committee responsible to monitor, coordinate and verify the implementation of the broadband Italian plan helping to close the digital divide program in Italy.

In 2010 has been the Italian moderator within the Pan European Cyber Security exercise, from 2011 to 2014 co-coordinator of the Working Group on cybersecurity at the Italian MoD, and in 2012 managed the first national cyber security exercise (Cyber Italy 2012). From 2013 to 2014 has been the MiSE representative within the Interministerial technical committee of civil defence.

Co author of more than 120 publications on National and International journals and conference proceedings, four books/chapters on next generation networks and a patent on optical regeneration (WO 2005/109080 A1). In 2011 got the "global telecom business award", on broadband capacity innovation within the EU FP7 SARDANA Project led by Prof. Josep Prat from UPC, and the "best paper award" as coauthor of Power Efficiency of SARDANA and Other Long-Reach Optical Access Networks.