

Edoardo Cottino

Italy

Nomination for election to Vice-Chairman ITU-T Study Group 15



Mission

Edoardo Cottino is the Innovation Director of Sirti Group. In this role he is responsible for driving Sirti to networks, services and next-generation applications for the telecommunications industry, energy and ICT. Its business involves the analysis of innovative technologies and applications, the comparison with the main operators and customers in the industry, to establish R&D policy and collaborations with research institutions and universities, participate in the work of regulatory bodies, interface with the institutional world, managing intellectual property of the company.

Background

Born in Torino in 1957, after graduating in Electronic Engineering at Torino's Politecnico he received a Technical Master (Higher TLC School "Reiss Romoli" of L'Aquila, 1985) and a Business Administration Master (Bocconi University of Milano, 1997).

After an initial brief experience as a designer of avionics systems, in 1985 he passed to AET SpA in Torino to follow the activities related to the first Italian optical fibre plants, taking on increasing responsibilities in technical and management field.

With the merger of AET in Sirti, in 1995, he is moved in Milan taking the responsibility of Cables and Optical Technologies Department and then in 1999 taking the responsibility of Sirti R&D Division. In 2004 he was appointed CTO reporting directly to the CEO, a position maintained for over 10 years, until November 2014 when he takes his current position given the current FTTH networks development in Italy.

Professional experiences

For over twenty years has followed the evolution of the optical fibre network in Italy, gaining experience on issues related to network design, network implementation in terms of plant and components (fibers, cables, accessories and transmission systems), network management and network maintenance.

In the following list the most significant projects in which he participated with technical responsibilities:

- Italian long-distance optical fibre network
- Argentina long-distance optical fibre network
- Supervision of the Telecommunication Italian network
- New NATO Southern Europe Headquarters
- High Speed Railway Italian Network
- Milano Surveillance Network

In Europe he drove Sirti in about ten projects during the 5th, 6th and 7th Framework Programme, with roles of partner or prime contractor.

ITU Activity

Since 1990 participates to the works of ITU-T standardization body (currently chairman of Q.16 of Study Group 15), in particular has contributed to the following study groups:

- From 1990 to 2008 in the Study Group 6 "Outside Plant"
- From 2009 in Study Group 15 "Networks, Technologies and Infrastructures for Transport, Access and Home".

Since the beginning of its participation in ITU work, gave contributions on outside plant installation methods, copper and fibre characteristics, optical components and network accessories, network architecture and procedures for network maintenance. Thanks to the continuous and constant presence at the meetings, he gained experience regarding the ITU procedures as well as develop a network of personal acquaintances. The active contribution to the works and commitment demonstrated allowed him to take soon the responsibility as Rapporteur, below the responsibilities assumed in the years:

- ITU-T Study Group 6 (1997-2000): Rapporteur Q. 13/6 "Access facilities using hybrid fiber / copper networks"
- ITU-T Study Group 6 (2005-2008): Rapporteur Q. 4/6 "Support systems for infrastructure and network elements management"
- ITU-T Study Group 15 (2009-2012): Rapporteur Q. 16/15 "Optical physical infrastructure and cables"
- ITU-T Study Group 15 (2013-2016): Rapporteur Q. 16/15 "Outside plant and related indoor installation"

In these 26 years of service in ITU-T he was the editor of fifteen different documents (Recommendations, Technical papers, Handbooks, Flyers).

Other informations

He is member of the Scientific Committee of FOTONICA (Italian Conference on Photonics Technologies) and Italian Associations (AEIT, ANFOV, ANITEC, ASSTEL, IATT), he is author or co-author of more than thirty articles on networking and fiber optic systems.

He is the holder of some fifteen patents (including the monitoring of fiber optic networks and the thermal compensation of the Bragg gratings).

Married with two children, loves reading and skiing.

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