



Dr. Marco Carugi, ITU-T SG20 Question 2 Rapporteur and ITU-T SG13 Question 20 Associate Rapporteur

- Dr. Marco Carugi works as consultant on advanced telecommunication technologies and associated standardization. He currently represents NEC in standards development activities. Internet of Things/M2M, IMT2020 and Future Networks, Big Data/AI, SDN and Cloud Computing are technical areas in which he is involved at present.
- During his professional career, he has worked as Telecommunication Engineer in the Solvay group, Research Engineer in Orange Labs, Senior Advisor in the Nortel Networks CTO division and Senior Expert in the Technology Strategy department of ZTE R&D.
- Dr. Marco is active in standardization since long time: he has been leading the development of numerous standards specifications (NGN, IoT/M2M, Big Data, IMT2020) and held numerous leadership positions, including ITU-T SG13 Vice-Chair, ITU-T Rapporteur in four Study Periods, ITU-T FG M2M Service Layer Vice-Chair, ITU-T FG Cloud Computing WG Chair, OIF Board member, IETF Provider Provisioned VPN WG co-Chair.
- In the 2017-2020 ITU-T study period he is serving as Rapporteur for Question 2 ["Requirements, capabilities and use cases across verticals"] in ITU-T SG20 and SG20 Mentor, as well as Associate Rapporteur for Question 20 ["IMT-2020: Network requirements and functional architecture"] in ITU-T SG13 and SG13 Mentor. He also plays some ITU-T Liaison Officer roles, including SG13 Liaison Officer to SG20, SG20 Liaison Officer to ISO/IEC JTC1/SC41 and SG20 Liaison Officer from/to the Alliance for IoT Innovation (AIOTI) (WG3 on IoT standardization). More recently, he has taken the leading role for the Use Cases and Requirements analysis within the ITU-T Focus Group on "Data Processing and Management to support IoT and Smart Cities & Communities" and has been named leader of the High Level Architecture group of AIOTI WG3.
- Dr. Marco holds an Electronic Engineering degree in Telecommunications from University of Pisa (Pisa, Italy), a M.S. in Engineering and Management of Telecommunication Networks from National Institute of Telecommunications (Evry, France) and a Master in International Business Development from ESSEC Business School (Paris, France). He has also completed an Executive Program on Big Data Science at Ecole Centrale (Paris, France).