

## **Carlo Riva – Curriculum Vitae**

Carlo G. Riva received the Laurea Degree in Electronic Engineering (cum laude) and the PhD degree in Electronic and Communication Engineering, from Politecnico di Milano, Italy, in 1990 and 1995, respectively.

In 1999, he joined the Electronics and Information Science Department, Politecnico di Milano, where, since 2006, he has been an Associate Professor of electromagnetic fields.

Since 1992, he participated in the Olympus, Italsat and Alphasat 'Aldo Paraboni' propagation measurement campaigns, in the COST255, COST280 and COSTIC0802 international projects on propagation and telecommunications and in the Satellite Communications Network of Excellence (SatNEx). In 2010, he has been Director of the 49<sup>o</sup> Course "Radiowave Propagation" in the frame of the 'International School of Quantum Electronics' at Erice. In 2011 he is has been nominated to the Steering Committee of ESA's Network of Experts as Italian Representative. In 2012 he has been appointed Principal Investigator by the Italian Space Agency for the Alphasat Aldo Paraboni propagation experiment. He is member of the Technical Committee of the Ka and Broadband Communications Conference. Since 2015 he is Chairman of Working Party 3J ('Propagation Fundamentals') of the ITU-R Study Group 3.

He is the author of more than 180 papers published in international journals or international conference proceedings. His main research activities are in the fields of atmospheric propagation of millimeter-waves, propagation impairment mitigation techniques, and satellite communication adaptive systems.