

Foreword about Mauro Tropea, Research Fellow, DIMES Department of University of Calabria, Italy:

Mauro Tropea was born in December 1975. He received his undergraduate degree in computer science engineering in April 2003 with a thesis titled “QoS Architecture: Integration of Integrated Services and Differentiated Services on a hybrid terrestrial/satellite platform”. In September 2004 he won a regional scholarship titled “Study of Terrestrial and satellite broadband digital telecommunication systems: state of art, analysis of system limits and proposal of efficient solutions for the support of innovative services”. He was a Ph.D. student in Computer science and System Engineering at University of Calabria in period 2005-2008 and he received the Ph.D. degree in January 2009. During the period May – October 2008 he had a collaboration with the European Space Agency (ESA) in Noordwijk Netherland, the research topic was DVB-RCS architecture with a particular analysis of return channel satellite in the continuous carrier modality. At the moment, he has a collaboration with “VSB–Technical University of Ostrava”. Due to the results of his collaborations, he produced many works in international conferences and journals. Since August 2010 until May 2015 he was a system and network administrator in a private company of the ICT market. In the same period, he was coordinator for the I-CONTACT project, shared with University of Calabria (UNICAL). He accepted also a contract as a professor for the teaching of “Design of advances cellular networks” at the University of Calabria.



Mauro Tropea

His research interests include mobile communication networks, QoS architectures and interworking, wireless and wired networks, mobility modeling for WLAN environments and mobility analysis for prediction purposes. The results were published in more than 70 papers which are indexed on Web of Science and SCOPUS, mostly in IEEE conference proceedings and journals.

Dear Readers,

I am grateful for the opportunity to write a foreword for this edition of *Advances in Electrical and Electronic Engineering* (AEEE). I collaborate from many years with the telecommunication group of the D.I.M.E.S department of the University of Calabria in Arcavacata of Rende, Italy. In all these years I have spent a lot of my time in studying and analysing issues in telecommunication systems in order to give a modest contribute to different telecommunication sectors. The last few years have been characterised of enormous improvements both in devices and in computer engineering services. Electrical and electronic engineering has been privileged as a priority for infrastructure development, making this journal issue timely and important and it has been planned to collect some specific paper contributions, reflecting the state of the art and the technological proposals expected to play key roles in the journal focus areas. This journal is dedicated to the publication of new theoretical and experimental results in all areas of interests. In particular, in this edition many papers on “networks, modelling and QoS” and “IoT, simulation and data processing” have been submitted, given the increasing interest in these years for these topics in the all world research. So, it is easy to understand how the AEEE journal facilitates contacts between research centers and industry (or market), offering the opportunity to deep the knowledge of the industrial communities, through the publication of high quality scientific and professional papers, which may be presented by experienced authors or post graduate students/researchers and standards. In addition, application papers of particular interest to industry, as well as contributions containing novel ideas, are strongly encouraged.