Foreword about Peppino Fazio, Research Fellow, DIMES Department of University of Calabria, Italy:

Peppino Fazio

Peppino Fazio was born in June 1977. He received the degree in computer science engineering in May 2004. Since November 2004 he has been a Ph.D. student in Electronics and Communications Engineering at the University of Calabria and he received the Ph.D. in January 2008; at the moment he is a research fellow at DIMES Department of University of Calabria, after many collaborations with Telecommunications Departments of "Universitat Politecnica de Valencia - UPV" and "VSB-Technical University of Ostrava". He published more than 50 research papers, which are indexed on Web of Science, mostly in IEEE conference proceedings and journals. 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. In particular, he is still working on Integrated Services Architectures (ISPN), Cellular Networks Architecture and wireless LANs. He is also focusing on different issues in WLANs (fading channel modeling, effects of user mobility on system performance and patterns prediction). He has got academic experience on the handover operation analysis and QoS in wireless networks. He participated in several research projects as: I-CONTACT in 2012 (for the investigation on some issues about the integration of micro-cell and macro-cell coverage networks), AUTOMA in 2009 (for the integration of RF-ID systems with ad-hoc networks and UMTS communications), Internship Research among University of Calabria and Polytechnic University of Valencia in 2008 (for the research on vehicular wireless networks and ad-hoc networks issues) and he is also CCNA Cisco instructor for the "New Know Tech" Cisco Local Academy of Cosenza (Italy).

Dear readers,

From many years, of professional and research activity, I am continuously dealing with some issues regarding telecommunications systems like, for example, Wireless LANs (WLANs), Vehicular Ad-hoc NETworks (VANETs) and Wireless Sensor Networks (WSNs). There has been a global enhancement in the provided services and I have noticed that the progress in Electrical and Electronic Engineering has been so remarkable, because of the advent of last computer science, information and telecommunication technologies, as well as mathematics, physics and optics concepts, which have given to new devices, new theories and new architectures the possibility to take place in the consumer market, in order to accommodate newer and more comfortable products, devices and services.

In the scientific community there have been lot of contributions, but many issues still remains open and need some additional efforts. I think that, in VANET environments, for example, routing operations need to be further investigated, in order to take advantage of a multi-channel spectrum, which can improve QoS performance, also in terms of intra-channel and inter-channel interference. Again, social networking is pervasively affecting telecommunication systems and new research activities can be based on complex networks theory in order to discover and investigate different features and new key issues.

Accordingly, the number of applications is envisioned to increase at an unpredictable rate, giving more and more satisfaction to users which will benefit of the advantages introduced by last scientific efforts.

I would like to thank all the reviewers and editors of this journal, as well as all the team, for their efforts in selecting the papers, making possible the publication of great quality contributions and giving the chance to enhance the knowledge in the scientific community.