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Editor-in-Chief

## Wireless Generation

First of all, I would like to thank the previous editor-in-chief (EIC), Charles Backof (EIC 2008–2014), very much for his excellent work for *IEEE Vehicular Technology Magazine (VTM)*, his smooth handover, and his continuing support.

This issue marks the beginning of the magazine's tenth year of publication since its first issue in March 2006 [with the founding EIC (2006–2007) James Irvine]. It is a good moment to look back as well as forward, toward the future. Looking back, the fourth-generation wireless system was already a subject in the first editions in 2006.

Looking toward the future, the fifth-generation wireless system, still in the research and development phase, is gaining more momentum, as can be seen from the increasing number of articles accepted that cover this subject. In addition, the networked car, autonomous vehicles, and wearable devices are subjects of today's attention and certainly will be for years to come.

Similarly, in the other fields covered in this magazine—i.e., transportation systems, automotive electronics, or standards—there is no end to exciting developments in sight.

This year, we will feature special issues from the Wireless World Research Forum (including this issue);

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on the state of the art in propagation and mobile channel modeling; and on emerging technologies, applications, and standardizations for connecting vehicles.

With our first issue of 2015, *VTM* also starts a new section on connected vehicles under the leadership of our new senior editor, Prof. Elisabeth Uhlemann from Mälardalen University in Sweden. Connected vehicles represent the intersection of our three fields of interest in the IEEE Vehicular Technology Society (VTS): mobile radio, automotive electronics, and transportation systems. To foster activities and VTS presence in this area, the IEEE VTS decided to launch an IEEE Connected Vehicle Initiative in 2015. The creation of a new senior editor position in *VTM* is part of this initiative. With our new "Connected Vehicles" column on page 23, *VTM* will regularly inform our members of developments in this industry as the presence of wireless communications in the automotive and transportation industries is becoming more ubiquitous and we prepare for the launch of vehicle-to-vehicle and vehicle-to-infrastructure communications technologies around 2016–2017. In addition, the magazine will promote

the publication of technical articles in this area.

Prof. Uhlemann was previously the associate editor in charge of the networked vehicular area within the mobile radio section. She has been involved in several European projects studying communication requirements for traffic-safety applications in vehicular networks and actively collaborates with the Volvo Group. She also contributed to the European Intelligent Transport System (ITS) communications architecture, and she participates actively as a technical expert in standardization within the European Telecommunications Standards Institute Technical Committee on ITS. She is also a very active VTS member. She is the vice chair of the Swedish VT/COM/IT Chapter and the founder and organizer of the VTS Workshop on Wireless Vehicular Communications. We are very pleased to welcome her on board, and we are sure our members will enjoy her columns on connected vehicles.

We will keep you informed of the new activities launched within the IEEE VTS Connected Vehicle Initiative. If you would like to get involved, don't hesitate to get in touch and contact Javier Gozalvez, who will lead the initiative (j.gozalvez@umh.es). **VT**