

Seminar Announcement

Oct. 20, Thursday, 3:30-5:30PM, Room 国家光电实验室A101

Title: Device-centric Wireless Networking for 5G/How to Write a Quality Technical Paper and Where to Publish within IEEE and VTS

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Abstract

Device-centric wireless networks will transform mobile devices into prosumers of wireless connectivity in an underlay network that if efficiently coordinated with the cellular network has the potential for significant capacity and energy-efficiency benefits, as well as lower EMF exposure levels, and higher and more homogeneous QoS and QoE levels. This talk will discuss the potential of device-centric wireless technologies to improve energy efficiency, quality of service and capacity compared to conventional base station-centric cellular communications. Particular attention will be paid to the potential of MCNs and D2D, and the opportunities that the integration of efficiency-driven opportunistic networking and device-centric wireless networks offer to achieve the 5G goals. Besides, some valuable advices on how to write a technical paper and where to publish within IEEE and VTS will be given in this talk.

Biography

Dr. Javier Gozalvez received an electronics engineering degree from the Engineering School ENSEIRB, France, and a PhD in mobile communications from the University of Strathclyde, Glasgow, U.K. Since October 2002, he is with the Universidad Miguel Hernández de Elche (UMH), Spain, where he is currently an Associate Professor and Director of the UWICORE laboratory. At UWICORE, he leads research activities in the areas of vehicular networks, multi-hop cellular networks and D2D communications, and wireless industrial networks. He is an elected member to the Board of Governors (2011-2016) and 2016 President of the IEEE Vehicular Technology Society (IEEE VTS). He was an IEEE Distinguished Lecturer for the IEEE VTS, and currently serves as Distinguished Speaker. He currently serves as Mobile Radio Senior Editor of the IEEE Vehicular Technology Magazine, and on the Editorial Board of the Computer Networks journal.