



# CONFERENCIA

## Making Wireless Communications Green

impartida por

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**Abstract:** With the increasing focus on the impact of carbon emissions on our environment, there has been significant interest in making Information and Communications Technology (ICT) more energy efficient. This talk discusses two major research directions in this area. The first part is from the recent Green Radio Research Programme in the UK, which was a major collaboration between academic and industrial researchers. The main aim of the project was to try to reduce the carbon footprint of mobile wireless networks, particularly focussing on mobile base stations which account for a significant portion of the energy consumed in such networks. The second part relates to the use of communications technology to support and enhance energy efficient power networks - the so-called “smart grid”. This talk will describe the key role of communications in such networks and key research directions in the current European ADVANTAGE project which addresses this topic.

**Día: Miércoles, 9 de septiembre de 2015**

**Hora: 11:30**

**Lugar: Sala de Grados B, E.T.S.I. de Telecomunicación**