

IBERIA Delegation

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Dr. Luis Fonseca was born in Barcelona, Spain, in 1966. He received his Ph.D. degree in Physics from the Autonomous University of Barcelona in 1992. He has developed his whole professional career in the National Center of Microelectronics (CNM). After a first research period on thin dielectrics, he worked as a process engineer, being in charge of the diffusion and deposition areas of the CNM production facilities, till he joined the Microsystems department as a full senior researcher in 2001. Nowadays he is leading the 'MicroEnergy sources and Sensor Integration' group, which deals with gas sensors, Si nanowire based thermogenerators, and micro fuel cells. He has participated in tens of national and international projects dealing with micronanotechnologies and has published more than 80 papers. He has coordinated the FP7 SiNERGY project (FP7-NMP-2013 GA 604169), recently finished, which focused in Silicon friendly materials and device solutions for microenergy applications.

Among other responsibilities, Luis Fonseca was IMB-CNM deputy director in the period June 2012-June 2016; he is member of the Steering Committee of the European Technology Platform on Smart Systems (EPoSS) since June 2008, and member of the Steering Committee of the Spanish TIC technological platform (PLANETIC) since January 2013.