

## DELEGATE BIOGRAPHY

### Iberia - Delegate Biography

<b>First Name</b>	Luis	
<b>Last Name</b>	Fonseca	
<b>Title/Position</b>	Deputy Director	
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Luis Fonseca received his Ph.D. degree in Physics from the Autonomous University of Barcelona in 1992. In 1989 he joined the National Center of Microelectronics (CNM) as a post-graduate student, working till 1992 on the growth and characterization of thin dielectric films for VLSI and ULSI applications. After this first research period he worked as a process engineer, leading the diffusion and deposition areas of the CNM production facilities. In 2001 he joined the Microsystems group as a full senior researcher. His actual research area is focused on technological developments for gas sensing, more specifically on optical gas sensing, and on the development of micro and nanotechnologies for thermoelectricity. Since 2010 he is leader of the Microenergy sources and sensor integration group. In 2012 he was appointed deputy director of CNM. He is currently coordinator of the EU project SiNERGY (Silicon friendly materials and devices for microenergy applications).