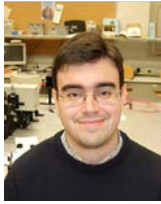


Name SURNAME: Miguel GONZALEZ HERRAEZ		
Function:	Associate Professor/ WP Leader	
Institution:	Universidad de Alcalá <input type="checkbox"/> Funding Agency <input type="checkbox"/> Programme Manager	
Email:	miguel.gonzalez@uah.es	
Phone:	+34918856543	
Division	Department of Electronics, Polytechnic School.	
Areas of Expertise:		
Photonics, fiber optics, distributed sensing.		
Short Description of your Institution:		
<p>The University of Alcalá (UAH) is ranked among Spain's top universities in terms of number of doctoral theses, patents and research output. The Photonics Engineering Group (GRIFO-UAH) belongs to the Polytechnic School at UAH, which is ranked among the best in employability in Spain.</p> <p>The group is active in phase-sensitive optical time-domain reflectometry (phi-OTDR) systems since >6 years ago and in distributed sensing in general since >10 years ago. Phi-OTDR systems find application in distributed vibration and pressure sensing over long distances (>20 km), which can be very interesting for detecting and anticipating debris flow and dike failure events. Some core phi-OTDR developments achieved three years ago at GRIFO-UAH are currently developed and commercialized by the company FOCUS SL. The group has a strong visibility in the field and a large network of collaborations worldwide on this topic. The group leader, Prof. Miguel González-Herráez has been awarded a prestigious ERC Starting Grant on distributed sensing in 2012.</p>		
Role in the project:		
<p>The UAH team will lead the design and construction of the distributed vibration and pressure sensing systems (WP1). The team will also participate in testing (WP4), data analysis (WP3) and dissemination (WP5) tasks.</p>		

26th July 2016