

<h2>Call for contribution of expertise</h2> <p>CERN invites collaborating institutes and universities to contribute the expertise of their qualified employees to the activity described below.</p>	
<p><i>Start date:</i> April 2018</p>	<p><i>Duration:</i> One year, possible extension to a maximum of up to three years.</p>
<p><i>Project/Activity:</i> Electrical quality assurance for the superconducting magnets circuits of HL-LHC</p>	
<p><i>Detailed description of Activity:</i></p> <ul style="list-style-type: none"> • In collaboration with the designers of the components integrated in the HL-LHC circuits, to prepare the electrical tests and related procedures to be applied during the manufacturing phases • In collaboration with the Electrical Quality Assurance specialists to define the required hardware with a purpose of standardisation across the HL-LHC Project • Liaise in the domain of Electrical Quality Assurance with the Collaborating Institutes of the HL-LHC Project 	
<p><i>Profile:</i> Master degree in the field of Electrical Engineering or equivalent.</p> <p>The experience required for this post is:</p> <ul style="list-style-type: none"> • Experience in design and use of diagnostics systems applied to electrical equipment and DC networks, like or equivalent to particle accelerator's superconducting magnet chains; in particular experience related to measurements in high voltage environments; • Additional experience within the domain of electrical diagnostics and related equipment (measurement techniques and instrumentation, data acquisition and analysis tools) would be an asset; • Electromagnetic compatibility issues are an important part and experience in this domain should also be demonstrated. <p><i>Specific details:</i> Good communication skills. Availability to travel to Collaborating Institutes and industrial companies of the HL-LHC Project Work. Good team-working attitude. Valid driving license. Good working knowledge of English. Some knowledge in French would be an advantage.</p>	
<p><i>Status at CERN:</i> Associated Member of the Personnel (Project Associate).</p> <p>Conditions in accordance with CERN's Staff Rules and Regulations and Administrative Circular No. 11. Subsistence allowance is payable by CERN to cover the additional cost arising from the individual's (and, as applicable, their family's) stay in the local area while performing activities at CERN.</p>	
<p><i>Contact person:</i> Isabel Bejar Alonso</p>	<p><i>Reference:</i> 2017_Q4_037_ELQA</p>