

Company Description

IK4 -LORTEK is a private technological Centre, member of the IK4 Research Alliance and integrated cooperative in Mondragon Corporation. Materials and Process Joining Technologies. Additive Manufacturing. Industry 4.0 The acquired knowledge is transferred to the industrial network, being applied to their products and processes improving their innovation and industrialization capacity which in turn enhances their competitive position, all of this supported by IK4-LORTEK.

Information

 Deadline: 2018-12-27
 Category: Academia
 Province: Gipuzkoa

 Country: Basque Country
 City: ORDIZIA

Company

IK4 Research Alliance



Main functions, requisites & benefits

Main functions

Research in the development and application of non-destructive testing (NDT) by ultrasound in the areas of welding, adhesive joining and additive manufacture. Development of industrial research projects with companies for advanced applications. Market development and research offer.

Requisites

Engineering background (mechanical, telecommunications, automation and control) or equivalents. Experienced researcher in the field of ultrasonic application development research for the characterisation of materials (fundamentally metals). Thesis projects and proven experience of participation in research projects in national or European programmes in this field will be positively rated. Previous experience in some fields of interest: -Guided waves -Ultrasonic phased array -Laser ultrasonics -Air coupled ultrasound -Ultrasonic simulation Moreover, qualifications in ultrasound (L I, II or III) are also positively rated.

Benefits

Incorporation into a reference Technological Centre in the field of joining technologies and additive manufacture, with a laboratory for ultrasound applications. Development of research projects specialising in the field of advanced ultrasound in collaboration with European reference centres and industrial companies.