




Company Description

CIDETEC is a Technology Centre that brings together three leading international centres in the fields of Energy Storage, Surface Engineering and Nanomedicine. For more than 25 years, we have been working with leading companies to develop technology that makes the world a better place.

Information

 Deadline: 2024-04-30
 Category: Business
 Province: Gipuzkoa

 Country: Spain
 City: San Sebastian

Company

CIDETEC



Main functions, requisites & benefits

Main functions

CIDETEC Surface Engineering is looking for a person to join Coatings and Surface Treatments Unit, for the development of ceramic coatings and enamels with high resistance to extreme environments, tackling major challenges to respond to both industrial demands and European programmes. If you want to be part of this revolution, we are waiting for you! CIDETEC is an international leader in research and innovation related to surface engineering in the fields of Coatings and Surface Treatments, Polymers and Composites, and Nanosurfaces. We specialise in the treatment of surfaces and materials with state-of-the-art technologies. The researcher will work in activities related to the development of R&D projects focused both in basic research and industrial development in close contact with the most prominent companies in sectors such as aeronautics, automotive and energy. Your Contribution: You will join a cutting-edge research centre, focused on sustainability and circular economy, which has spent years understanding and revolutionising the surfaces of components, from those we touch every day in our homes or our vehicles, to the most demanding materials for sectors such as aeronautics and energy. You will work on research and/or company transfer projects, carrying out your work in such a way that you are able to pursue several research lines simultaneously, optimising resources and maximising results. Your work will focus on the following functions: To reinforce and promote the coatings for extreme environments research line. To manage and implement R&D projects. To analyze results, draft reports and prepare presentations. Direct interaction with clients. To write scientific articles. European, national and regional proposals preparation.

Requisites

Education: PhD in Chemistry, Materials Science, Chemical Engineering, Materials Engineering, Industrial Engineering or equivalent. Languages: Fluent in spoken and written English. Knowledge: The successful candidate will demonstrate a sound knowledge in: Developing ceramic coatings with high resistance to extreme environments. Characterizing the coatings resistance at high temperature and chemically aggressive environments. Knowledge and Experience of the following will be considered a plus: Knowledge in coatings characterization techniques (XRD, FESEM, wear and corrosion resistance.). Experience in heat treatments. Work experience both in academic and industrial sector. Work experience in different countries. Knowledge of other foreign languages. Observations: A highly motivated person, with a keen interest in research and innovation, you will join a multidisciplinary team. You will be able to organise your work, meeting both the deadlines and the established objectives. Problem-solving capacity and scientific criteria. Good communication skills, both verbal and written.

Benefits

At CIDETEC, you will be able to develop your career alongside a team of top-level professionals, in a young yet committed environment, dedicated to innovation and seeking to provide practical solutions that result in a more sustainable world. Professional development opportunities that allow you to build a solid career, working on projects that transform both industry and society. Work