

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. A cutting-edge, diverse and international centre awaits you!

Information

 Deadline: 2025-08-01
  Country: Basque Country
 Category: Business
  City: San Sebastián
 Province: Gipuzkoa

Company

CIDETEC



Main functions, requisites & benefits

Main functions

CIDETEC Surface Engineering is looking to recruit an expert in processes for printed electronics / in-mould electronics to join its Nanosurfaces Unit, which develops functional coatings and materials and processes for printed electronics, addressing major challenges to meet industrial demands and European programmes, while maintaining a focus on sustainability. 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 training and industrial R&D projects, 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 the circular economy, which has spent years understanding and revolutionising the surfaces of things, from those we touch every day in our homes or in our vehicles, to the most demanding materials for sectors such as aeronautics and energy. You will work on training and/or company transfer projects, carrying out your work in such a way that you are able to pursue several lines of research simultaneously, optimising resources and maximising results. Your work will focus on the following activities: Management and planning/implementation of R&D projects. Direct interaction with clients. Reinforcement and promotion of the printed electronics research line. Analysis of results, drafting reports and preparing presentations. Preparation of proposals for applying for R&D funding in regional, national and European calls.

Requisites

Education: Industrial engineering, chemical engineering or similar. A PhD will be positively valued. Languages: Fluent in spoken and written English. Knowledge: The successful candidate must demonstrate sound knowledge and experience in all or some of the following aspects: Screen printing (preferably semi-automatic). Hybridisation of SMD components (Pick & Place). Vacuum and/or high pressure thermoforming. Simulation of deformation/thermoforming processes. Overinjection (FIM and/or IME). Knowledge and experience of the following will be considered a plus: 2D vectorial and 3D design via CAD. Design and validation of the functionality of printed systems such as circuits, sensors, antennae, heaters, etc. Substrate pre-activation to improve adherence of printed layers (plasma, chemical treatment, etc.). Characterisation of printed layers (thickness measurements, adherence, electrical conductivity, contact angle, etc.). Ink-jet printing. Observations: A highly motivated person, with a keen interest in research and innovation, you will join a multidisciplinary team. They must be able to organise their own work and meet deadlines and targets. Problem-solving capacity and scientific criteria. Good communication skills, verbal and written. *We positively value applications from people with a disability equal to or greater than 33%, in compliance with current legislation, the General Law on the Rights of Persons with Disabilities and their social inclusion (LGD).