

Company Description

Deusto University is headed by the love of wisdom and the desire to learn and inquire rigorously scientific methodology and the structure of reality. Therefore it seeks excellence in research and teaching, simultaneously seeks the formation of free competent professionals, those endowed with knowledge, values and skills that enable them to engage in the promotion of knowledge and the transformation of society, responsible citizens.

Information

 Deadline: 2019-03-08
 Category: Academia
 Province: Bizkaia

 Country: Basque Country
 City: Bilbao

Company

Universidad de Deusto



Main functions, requisites & benefits

Main functions

The MORElab research group is pleased to support postdoctoral candidates eager to apply to the Ikerbasque Research Fellow Call. This call is run by Ikerbasque, the Basque Foundation for Science, and co-financed by the Basque Government, the European Commission and the host institution where the researcher would develop his/her research.

The MORElab – envisioning Future Internet (<https://morelab.deusto.es/>) research group is one of the largest and most successful research groups at Deusto Foundation and belongs to DeustoTech-Societal Challenges, a research unit within DeustoTech – Deusto Institute of Technology. It is recognized as an outstanding research group (category "A") within the Basque research ecosystem. The group has a strong background in the application of Artificial Intelligence techniques to middleware for embedded and mobile system in order to foster context-aware reactivity. In addition, the group is currently focusing its research on the area of Smart Cities by leveraging its expertise on Ubiquitous Computing, Linked Open Data management and recommendation and social data mining (Big Data Analytics) to extract structured data from social networks and thus enable urban apps assisting the daily activities of citizens or visitors.

MORElab has recently obtained recognition as recognized research group within the Basque university system. We are looking for PostDoc applications to complete our research skills in heterogeneous data management and analytics. The group is currently embarked in several European H2020 projects which involve knowledge and expertise in the following knowledge modelling and exploitation sub-fields.

The candidates are expected to have knowledge in one the following fields: Big Data management and analytics.

Natural language processing applied both to regular texts and social networks.

Machine Learning methods applied to sensor data, text and images. Additional knowledge in the following fields will be considered for accessing to the open position: Big Data processing infrastructures and stacks

Visualization techniques

Linked Data

ICT infrastructure to foster Open Government

Co-creation and Open Innovation approaches

Semantic Web, IoT and Web of Data

Open Services and micro services

User engagement and user experience We are looking for candidates willing to join our team and help us consolidating our increasing expertise in the application of solutions around the extensive usage of data. This research group focuses on the "V" of variety within Big Data solutions. We are very interested on bringing together structured and non-structured data from heterogeneous sources,