

## Expression of Interest



### Contact Person/Scientist in Charge

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### Universidad de Alicante

### Department / Institute / Centre

- **Name of institution:** Dept. of Language and Information systems
- **Address:** Carretera Alicante - San Vicente del Raspeig
- **Province:** Alicante

### Research Area

- Information Science and Engineering (ENG)

### Brief description of the institution:

The University of Alicante (UA) was created in 1979. Today it educates and trains more than 36.000 students -2.500 of them are international students - and offers more than 80 undergraduate and 96 postgraduate programmes: consequently it is proportionally one of the fastest growing universities in Spain. The UA houses 227 research groups in Social and Legal Sciences, Experimental Sciences, Technological Sciences, Human Sciences, Education and Health Sciences and 15 Research Institutes (Water & Environment, Materials, Electrochemistry, Biodiversity, Chemical Processes and Organic Synthesis, and Modern Languages, among others). Thus, the UA employs over 2.400 researchers/ professors and has a complex management /administration structure of 1.300 people, which involves an annual budget of 175 million Euros.

UA is a young and dynamic university with vast experience in implementing EU funded projects in different programmes and areas, with presence in more than 60 countries worldwide. In the last 10 years, UA has successfully acted as coordinator of many Tempus, Alfa, Edulink projects involving Third Countries and Lifelong Learning and Framework Programme (FP, DG Research) Projects. Moreover, the participation in FP has been increasing in the last years, taking part in 25 5th FP, 26 6th FP, 45 7th FP projects (13 of them

coordinated by UA), and 6 in H2020.

It is worth underline the big effort performed by UA in order to meet the commitment with the principles set out in the European Charter for Researchers and in the Code of Conduct for the Recruitment of Researcher

**Brief description of the Centre/Research Group (including URL if applicable):**

*Lucentia Research Group is a research Group with nearly 20 years of experience in Business Intelligence Applications. Their main research lines are the design and modeling of Data Warehouses and OLAP applications, Big Data Analytics, Data Mining, User Requirements and Strategy Plans an Key Performance Indicators beteen others. The Lucentia Research Group is the main Spanish research Group focused on Business Intelligence Applications and a highly reputed and internationally recognized Research Group. Lucentia holds more than 60 papers in high ranked JCR journals and more than 200 papers in topranked conferences such as ER, CAISE, MODELS, or RE. Lucentia has also participated in many national and regional funded projects, and also in international projects funded by the Europena Union. Lucentia also has several projects with companies, all of them surrounded the area of Business Intelligence Applications and Big Data. Lately, the Research Group created a Spin-off called Lucentia Lab, in order to facilitate the technology transfer to industry. Therefore, the candidate will be working in a Research Group and she/he will have the opportunity to develop not only fundamental research, but also highly applicable research solutions, having the opportunity to work for the Spin-off and other companies.*

[www.lucentia.es](http://www.lucentia.es)

**Project description:**

*The candidate will be incorporated to a research project based on Big Data and Business Intelligence applications. This is a multidisciplinary project, having several expertises, ranging from user requirements specificaton and elicitation, data gathering from several data sources, data integration, artificial intelligence applied to the Big data sources, as well as final data visualization and exploration. Therefore, depending on the expertise of the candidate, she/he will be allocated in the most suitable sub-area of this challenging project. In this projet, several companies are also providing their data to check the fundamental on-going research as well as offering their companies to check our solutions as a first step of technology transfer.*

**Applications**

*Curriculum Vitae*

*At least one reference letter*