

KHAOS

The University of Málaga (UMA) has about 40.000 students and is located on two campuses. The team that will participate in this project belongs to the Department of Computer Science of the University of Málaga. The KHAOS research team consists of 4 faculty members, 1 postdoc researcher and 7 PhD students. The Computer Science Department of the University of Málaga is formed by 121 members including full, associate and assistant professors, instructors and fellows. The research group is part of the Software Engineering Group (GISUM). Formed in 1990, the main activities of GISUM are related to Software Engineering applied to Distributed Systems. GISUM has been awarded the highest grade of distinction (“group of excellence”) by the Regional Government of Andalusia.

The research lines developed by the KHAOS group are:

- Data and Knowledge Management in the Semantic Web
 - Scalable reasoning on very large data sets
 - Middleware based on ontologies
 - Discovery of semantic relations among ontologies
 - Semantic Content Recommendation
 - Semantic extension of data bases
- Composition and Adaptation of Software Components and Services, including specific topics such as:
 - Semantic Web Services Composition
 - Semantic ESB

These research topics have been applied in different real scenarios like Life Sciences and Cultural Heritage and Tourism.

UNIVERSIDAD DE MÁLAGA

Since its foundation in 1975, the *Universidad de Málaga* has become a significant promoter of scientific culture for the City of Málaga, providing on one side a broad basis for technology, research and development and on the other side a stimulating effect on a variety of cultural aspects. The Universidad de Málaga is one of the most dynamic and fastest growing higher education and research institutions in Spain.

National and international research projects require a dedicated management environment; therefore in 1987 the Universidad de Málaga created the “Research Results Transfer Office” – OTRI. The OTRI is entrusted with the organization and dissemination of the expertise generated by the University, along with the promotion and management of scientific and technical collaborations. Furthermore the facilitation of interrelations of the University’s researchers in a business and social environment with the objective to encourage their participation in the different programs related to RTD and innovation.

As an integral part of the OTRI the European Projects Office (OPE) offers versatile and highly qualified support especially tailored to the management of European research projects. As a result, UMA became an active member of European and international scientific societies with a profound experience in national, European and international research programs. This has earned the University the reputation of a reliable and requested partner.

Within the last two decades the Universidad de Málaga has been partner in 69 international projects. At present the Universidad de Málaga counts 19 active European projects belonging to different programmes, with 13 active FP6/FP7 projects. Furthermore, there are 4 FP7 projects that have been approved by the European Commission and are currently in negotiations.

So far 4 projects have been coordinated by Universidad de Malaga and 2 more FP7 projects with UMA in the lead are in the state of negotiation or proposal, respectively; the first being an ambitious international mobility project – COFUND – involving 12 selected researchers and the latter comprising 7 international partners.

The active European projects are distributed among the following areas:

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| • ICT: | 10 |
| • BIO (Health, Environment, Food): | 3 |
| • Material Sciences: | 3 |
| • Security: | 1 |
| • Socio-economic Sciences and the Humanities: | 1 |
| • Transport | 1 |