

Post-doc Position in Visual Computing



Project. The DIVA project is an international EU-FP7 Marie Curie Initial Training Network (ITN) with a focus on structured and collaborative research and teaching activities in **Data Intensive Visualization and Analysis** methodologies in data-driven science and technology application domains. DIVA involves three academic institutions (University of Zürich, University of Rostock, and Chalmers Technical University), one research lab (CRS4) and two industrial partners (Diginext and Holografika). Associated partners include large companies (nVidia, AMD, Airbus, Blom), research centers (Fraunhofer, CEREN), and hi tech PMIs (Gexcel, Eyescale). The project started in Nov. 2011 and will last four years. More details available at www.diva-itn.eu.



Employer. This advertised position is in the **Visual Computing** sector at the **Center for Research, Development, and Advanced Studies in Sardinia (CRS4)**. CRS4 is an interdisciplinary research center that combines state-of-the-art computational resources with a strong research and development program in enabling technologies for data intensive applications. CRS4 is one of the largest supercomputing centers in Italy, with computational facilities ranked in the Top500 list and state-of-the-art networking facilities. The Visual Computing (ViC) sector is dedicated to developing powerful interactive 3D tools for scientific visualization and visual simulation. Our expertise is in multi-resolution data representation, time-critical graphics, external memory algorithms, and applications of virtual reality technology to visual simulation. Our projects range from desktop 3D tools to immersive virtual environments constructed around novel 3D "light field" displays. More details available at www.crs4.it/vic/.



Workplace. CRS4 is located in the Sardinia Scientific and Technological Park (Pula, Cagliari, Italy). More than 500 researchers work in the park. University of Cagliari, with more than 30'000 students at undergraduate and graduate level, is the nearest university. Cagliari, located in the South of the island, is the capital of Sardinia and has a population of about 400,000 in its metropolitan area. The mild climate of the region and the vicinity of beaches with white sands and crystal clear sea are a huge bonus for off-work hours. The DIVA project involves frequent interactions, internships, workshops and summer schools with the other international network partners, with internships at other research labs and companies in other European countries and cities (e.g., Switzerland, Italy, Germany, Sweden, France and Hungary).



Open Position. CRS4 has currently one **open positions** within the DIVA project:

Experienced researcher (Post-doc) in the area of massive model visualization. 2 years appointment, planned start date Sept. 2013. Different start dates can be arranged.

Applicants must have a PhD degree or four years full-time equivalent research experience in computer science with a focus on 3D computer graphics. Additionally, applicants have to be within the first five years of their research career (full time equivalent research experience) and must meet all the other requirements of ITN appointments. Fellows are remunerated according to EU-FP7 regulations for Marie Curie ITNs as well as according to local host regulations. ESR and PhD appointments will be made with respect to local host university and company guidelines. Same applies for fringe benefits and vacation days.

More information is available on the group's web site at the URL: www.crs4.it/vic/ . For application and further information contact Katia Brigaglia (Secretary, CRS4 Visual Computing Group) at diva-jobs@crs4.it