

July 1, 2008

## **POSTDOCTORAL POSITION**

A postdoctoral research position in Computer Science/Computer Engineering is available at the Center for Interactive Smart Oilfield Technologies (CiSoft), University of Southern California, Los Angeles. CiSoft is a USC-Chevron Center of Excellence for Research and Academic Training on Interactive Smart Oilfield Technologies. Established in December 2003, the Center includes participating research scientists from various departments in the USC Viterbi School of Engineering and from Chevron. We are seeking applicants to join our Integrated Asset Management (IAM) project and apply advanced computer science technologies to challenging problems in IT-enabled oilfield operations.

The successful applicant will have a PhD in Computer Science with a willingness to receive the necessary cross-training in the basics of oilfield operation and the challenges in achieving the vision of IT-enabled smart oilfields. Research experience in one or more of the following areas is required: semantic web technologies, model integrated computing, information integration, metadata management, grid computing, web services and service oriented architectures. Software development experience is also desirable.

The successful candidate will be a highly motivated self-starter with prior research experience that demonstrates creativity and independent thinking. A key component of your role will be interacting with various stakeholders to understand the requirements of the sponsor and translate business needs into short-term and long-term research directions for graduate students. Excellent communication, organizational, technical writing, and presentation skills are therefore essential.

The position offers a competitive salary and a flexible and attractive working environment. To apply, please send your CV (including publication record and the names and contact information of 3 references), a brief (1-2 pages) description of your thesis work and related research interests, and your two best publications.

The application must be sent by email to Prof. Viktor K. Prasanna (prasanna@usc.edu).

### **More information**

Prof. Prasanna: <http://ceng.usc.edu/~prasanna/>

IAM Project: <http://pgroup.usc.edu/iam/>