



## 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, knowledge management, 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. Key components of your role will be interacting with various stakeholders to define tasks, objectives and milestones for the various areas of IAM project, translating business needs into short-term and long-term research directions for graduate students, and monitoring graduate students activities, deliverable and deadlines. Excellent skills in oral and written communication are essential.

The position offers a competitive salary and a flexible and attractive working environment.

To apply, please send your CV, a brief (1-2 pages) description of your thesis work and related research interests, and two of your best publications. Your CV should include your publication record and the names and contact information of 3 references.

The application must be addressed to Prof. Viktor K. Prasanna and sent by email to [iamteam@gmail.com](mailto:iamteam@gmail.com).

For more information:

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

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

CiSoft Center: <http://cisoft.usc.edu/>

January 14, 2009