

enhanced Information Retrieval and Filtering for Analytical Systems

V A C A N C I E S



enIRaF

The Department of Management Information Systems at The Poznań University of Economics has jobs openings in the area of Semantic Web, Web Services and Ontologies for the new project Enhanced Information Retrieval and Filtering for Analytical Systems (enIRaF). The project will be funded by the European Union as Marie Curie Host Fellowships for the Transfer of Knowledge under the EU's Sixth Framework Programme. There are two types of this fellowship. enIRaF will be implemented as The Marie Curie Development Scheme. In this case, experienced researchers are recruited to transfer knowledge to develop the research potential of visited institutions. The aim of the fellowship is to reinforce or develop new research competencies through the recruitment of experienced researchers.

To be eligible for this action you have to be an experienced researcher. Experienced researchers are defined as researchers having at least 4 years of research experience since gaining a university diploma or researchers already in possession of a doctoral degree. We have negotiated relatively short appointments - three and four months. The start date of the project is September 1, 2004. Successful candidates will be paid fixed-amount stipend. The detailed schedule of recruitment and preferred experience is given in the table below.

More details about the Human Resources and Mobility Actions can be found at <http://europa.eu.int/mariecurie-actions>.

Interested candidates should forward their resume to Witold Abramowicz by email (W.Abramowicz@mis.ae.poznan.pl), fax or regular mail.

Workpackage		Start	Period	Experience
WP1	Formal models of ontologies	September 2004	3 months	>10 years
WP2	Tools for ontologies	March 2005	3 months	>4 years
WP5	Decision making process	October 2005	3 months	>4 years
WP8	Ontologies for IRaF 1	March 2006	4 months	>4 years
WP10	Time context of the information	September 2006	3 months	>10 years
WP13	Ontologies for IRaF 2	March 2007	4 months	>4 years
WP15	Ontologies for IRaF 3	February 2008	4 months	>4 years

PROJECT SUMMARY

Today successful competing on the market requires better handling of external and internal information in companies and local governments. Their managers demand tools that could gather, process and store information and knowledge - management information systems (MIS). Our key competence is information filtering for MIS. The information filtering system is an access service that stands between information source and information consumer, providing a personalised view on the information space. Contemporary information retrieval and filtering (IRaF) systems lack the appropriate representation of user information needs and information itself. This has motivated us to undertake a project that would enhance our IRaF key competencies, and also improve IRaF system in order to better satisfy user needs. Our innovative concept is to join the achievements in information filtering, knowledge representation and decision support systems. Semantic Web technologies and

especially the use of ontologies, are expected to enable a much higher degree of automation in performing operations pertaining to the searching and extracting information. In order to enhance the capabilities of IRaF we need training in the following areas: formal models of ontologies, software and tools for ontologies, Semantic Web and Web Services, human language technology, decision making. Our project is scheduled for 4 years and requires 48 person-months (24 p-m for incoming researchers). Scientific quality of the training is assured by a co-operation with leading research centres from Austria, Germany, The Netherlands, Norway, and UK. The main goal of the knowledge transfer is to build new competencies of our Department in order to achieve a European level of research in information retrieval and filtering from the Internet. The project would enable us to further develop our specialization: Knowledge Management. We are interested in multidisciplinary aspects: economics, management sciences, Information Technology and law.



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