

# Senior Researcher for the EU FP6 Project MUSING

## *Position Summary*

The senior researcher will be responsible for research and development as well as internal management and coordination tasks within the MUSING [<http://www.musing.eu/>] project funded through the EU FP6 program. MUSING aims at developing a new generation of Business Intelligence (BI) tools and modules based on semantic-based knowledge and content systems. MUSING delivers next-generation knowledge management solutions and services to enable perceptive business intelligence activities, directly at the End-Users premises. By applying innovative technological solutions, MUSING provides exclusive services for three business intelligence application areas: Financial Risk Management, Internationalization, and IT-Operational Risk & Business Continuity.

## **Tasks**

- Supervision of business ontologies development & management.
- Integration between ontologies & statistical models.
- Coordination of the design, development, and maintenance of a knowledge base persistence infrastructure for business ontologies.
- Participation in project meetings, representation of the STI institute in the project.
- Project management and coordination (e.g. project plan maintenance).
- Scientific publications of research results, presentations of results in conferences, workshops, tutorials, industry fora.

## **Job Requirements**

- Excellent PhD degree in computer science, business information management, statistics, or mathematics.
- Strong experience with ontology development, ontology management and maintenance, ontology inferencing, and ontology learning.
- Experience with Semantic Web technologies (e.g. RDF, OWL) and tools (e.g. triple stores).
- Knowledge of business classification standards such as XBRL, brXML, and REID
- Knowledge of business intelligence application areas such as Financial Risk Management, Internationalization, IT-Operational Risk & Business Continuity, etc.
- Knowledge of statistics and uncertainty management in AI.
- Project management abilities, such as project plan maintenance.
- Availability for limited travel.
- Proven ability to work independently or in a team environment.
- The applicant should be creative and enthusiastic, with excellent communication skills.

For further information regarding this position and our institute, please visit the website of our institute [[www.sti-innsbruck.at](http://www.sti-innsbruck.at)].

We invite you to submit your application to [hr@sti2.at](mailto:hr@sti2.at). Please include a current resume, a list of publications, and digital versions of your most relevant works.