Post-doctoral or Scientist Position in Augmented Reality for Welding Observation

The Friedrich Wilhelm Bessel Institut (FWBI) in Bremen, Germany, has an open position for a post-doc or an experienced scientist in the EU-TOK project IntARWeld (Intelligent Augmented Reality Welding Helmet). The qualified scientist should carry out high level research in image processing, augmented reality, user centred design, usability and productivity enhancement. The candidate should also be able to transfer the knowledge to students and other scientist through publications and courses.

FWBI is a research institute which bridges the gaps between basic research and industrial application. It has experience in welding observation and augmented reality welding helmets. English is the main working language. The institute is coordinator of the EU project IntARWeld, having as industrial partner Optrel from Switzerland. Optrel is one of the leading manufacturers of welding helmets. An augmented reality (AR) helmet is thought to be the future for high-end products.

**Prerequisites:**
The applicant must hold a PhD degree in a relevant area, such as computer science, electrical engineering or must have more than 4 years of experience in the mentioned or related research fields. The applicant must however not be a German citizen, nor have resided in Germany for longer than a total period of 12 months during the last three years.

**Appointment:**
The appointment is for a period of two years within the EU-project at FWBI in Bremen, Germany, and afterwards for one year at Optrel, Switzerland, funded by the industrial partner. Provided successful research, prolongation may be possible. Ideal starting date is June 2006.
The salary will be around 4000 EUR/month before tax and social security fees, plus up to 800 EUR/month mobility allowance.

**Experience:**
The applicant should have a reliable experience in camera technology, electronics, optics, FPGA programming, software development in Visual C++. It is expected a results-oriented fellow with a strong sense of duty and responsibility, having a good understanding of system quality management, marketability and productivity.

**Applications:**
Interested candidates should send an application, including their detailed CV, study certificates (English translations if necessary) and names of at least 2 references, to Dr. Dorin Aiteanu, aiteanu@fwbi.org until 31st of January 2007.

FWBI is equal opportunity employer, and is actively involved in the European initiative involving the Advancement of Women in Science. FWBI provides equal opportunity for all candidates based on their merits, and equally encourages both females and males to consider employment with the institute.

*More information can be obtained by contacting:*

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