MEMS and MS Packaging Research Engineer
(MEMS-Microelectromechanical systems and MS-Microsystem).

Microsys lab description
Microsys Lab, Liege University is looking for MEMS and MS Packaging Research Engineer that leverages its MEMS, MS and biomedical devices packaging processing and expertise. Microsys lab (www.microsys.uliege.be) conducts inter-disciplinary research in the following fields:
- Exploratory research on micro-assembly, interconnection methods and packaging, including techniques for harsh environment and biocompatible systems
- Path finding research on energy harvesting
- Design of ultra-low-power microsystems using components off-the-shelf, from packaged to bare dies.

Job Summary:
The successful candidate will work in Microsys, ULg 200 m² clean room certified ISO 7 (Class 10,000) and other laboratory facilities for the assembly, packaging, post-processing, test and characterization of MEMS, MS, and biomedical devices. S/he will have hands-on experience on a variety of microassembly, packaging and processing equipment such as wire, flip-chip and die bonders, dicer, laser, dispenser, etc.

Using the existing infrastructure and equipment the objective is to conduct innovative research on advanced packaging, microassembly and integration of MEMS, MS and biomedical devices and their assembly into fully functional systems. The results should be disseminated in scientific publications (peer reviewed international journals and conferences). Possibility for a PhD degree program enrollment.

The position will include:
- Process development of innovative assembly and integration solutions for MEMS, MS, and biomedical advanced packaging applications
- Interact with equipment and material vendors
- Define standard operations and hand them over to the lab operators
- Preparing documentation for production release of new packages
- Continuously benchmark existing in house solutions against the state of the art and propose activity within your field of expertise
- Be part of a dynamic international research team

The ideal candidate will have the following profile:
- Master degree in Applied Science, Physics or Engineering (preferably: Electrical, Mechanical or Material Science Engineering)
- English proficiency both written and verbal skills are mandatory. French proficiency is an asset.
- Excellent communication and reporting skills
- Candidates need to have work eligibility in Belgium
- Young post-graduates are strongly encouraged to apply for the position.

We offer
A challenging position in a high-tech environment, in an international, interdisciplinary team. The salary is competitive and added with additional benefits (meal vouchers, insurance). Furthermore, ULg offers various training possibilities and social services, such as a university restaurant and discounts in different sport clubs and shops.

Interested?
Please contact Dr. Serguei Stoukatch, Liege University, serguei.stoukatch@uliege.be and Francois Dupont, fff.dupont@uliege.be