

Are you auto-motivated? Welcome!



With sales of approximately €20 billion in 2009 Continental is among the leading automotive suppliers worldwide. As a supplier of brake systems, systems and components for powertrains and chassis, instrumentation, infotainment solutions, vehicle electronics, tires and technical elastomers, Continental contributes enhanced driving safety and global climate protection. Continental is also a competent partner in networked automobile communication. Continental currently employs approximately 134,500 in 46 countries.

PhD Position

Project: Micromechanical Building and Fluid Mechanics

Location: UK

Start Date: flexible, not later than 1st October 2010

Job description:

The PhD position is proposed in the framework of an international research consortium leaded by the industrial Continental Automotive. The research is focused on the development of advanced experimental techniques for the new generation of direct injection of gasoline engines for low fuel consumption and pollutant emissions.

The position is oriented in the micromechanical designing, hand-made building of transparent injector nozzles. These nozzles are then measured by high speed videos and laser micro-PIV techniques.

Our partner, the University of Friedberg (Germany) is worldwide leader in measurement of the flow characteristics in such real-size (hole diameter ~ 200 micronmeters) transparent nozzles.

Here, the PhD (m/f) will realize a world premiere using the real high pressure condition of gasoline injectors.

Job requirements:

- The candidate (m/f) has university and training experience in micromechanical designing / building
- First class international publications will be encouraged
- English requested
- German and/or French appreciated
- The candidate (m/f) has to exhibit a university level
- Strong motivation for experimental approach and if possible a similar experience (diploma thesis for instance)

Ready to drive with Continental? Take the first step and fill in the online application at www.careers-continental.com

Your contact partner: Continental AG, Mrs. Milada Hanzakova, Employer Branding & Recruiting