Two PhD scholarships in Microfluidic Devices with Integrated Optical Detection Elements for Diagnostics

Two PhD scholarships are available at MIC - Dept. of Micro and Nanotechnology at the Technical University of Denmark.

Both positions are funded by European projects with collaboration partners at various universities and companies throughout Europe and are for a period of three years.

Both projects are dealing with mainly polymer-based microfluidic systems for diagnosis application, either for early diagnosis of neurodegenerative diseases or for rapid diagnosis for HIV. MIC’s role lies within design, fabrication and test of the microstructures with emphasis on the integration of passive microoptical components (waveguides, lenses etc.), and also the integration of other functional elements developed by the partners.

Candidates should have a master’s degree (or a similar degree) in engineering, physics or chemistry and academic qualifications equivalent to the master’s degree. Applications must include a curriculum vitae and documentation of a completed master’s degree.

The scholarships for the PhD degree are subject to academic approval, and the candidates will be enrolled in one of the general degree programmes of DTU. Information about the general requirements for enrolment and the general planning of the scholarship studies is included in the general rules of DTU, which may be obtained by application to the PhD programme office at tel: +45 45 25 11 76 or +45 45 25 11 77.

The salary and appointment terms are consistent with the current rules for PhD degree students.

Further information may be obtained from Prof. Jörg P. Kutter, tel.: +45 45 25 63 12 or email: jku@mic.dtu.dk

All interested candidates irrespective of age, gender, race, religion or ethnic background are encouraged to apply.

The application with enclosures must be received no later than Dec 8, 2006 at 12.00 noon preferably by email (jku@mic.dtu.dk) or by ground mail addressed to

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