

## PhD Student Position at University of Antwerp

In the project we will develop a dual channel miniature laser-doppler vibrometer and the signal processing, and we will work on hydrodynamic modeling to calculate the wall stiffness from the measured time delays. In another part of the project, the Photonics lab of Prof. Baets on-chip miniaturization of vibrometer components will be studied.

The project offers a four year position with net wages of about 1.500 Euro per month and full medical and dental insurance, and the aim is to realize a PhD. The student should be an engineer or a physicist, of course he/she needs to be eloquent in English and interested either in optical development and signal analysis or in hydrodynamic modeling (ideal in both).

Please contact

Prof. Dr. Joris J.J. Dirckx

University of Antwerp (Groenenborgercampus)

Laboratory of Biomedical Physics

Groenenborgerlaan 171

B-2020 Antwerp

Belgium

tel. +32-3-2653427

fax. +32-3-2653318

email: [joris.dirckx@ua.ac.be](mailto:joris.dirckx@ua.ac.be)