



Medyria AG
Technoparkstrasse 2
8406 Winterthur
Switzerland

Winterthur 4 April 2014

To all the interested students

**Subject: Medical Instrumentation - Summer Internship
at Medyria Switzerland for excellent undergraduate students**

Dear Student

Medyria is a Swiss startup developing a catheter based system for the measurement of the blood flow velocity.

Within the framework of a European project CASCADE (<http://www.cascade-fp7-eu>) we are collaborating with KUL, Medyria is offering a position for an internship that could eventually be associated with a Master thesis work. The aim of the work is to develop novel algorithms for the analysis of the flow velocity signals, based on temporal signal processing.

The work will foresee following steps:

1. Definition of the system requirements
2. Survey of the state of the art
3. Design of the algorithm
4. Implementation of the algorithm
5. Test on phantoms and animal models

Medyria is offering a scholarship for supporting the student during his/her permanence in Winterthur.

Duration of the project: 2 to 6 months

Starting date: July 2014 onwards

Should you be interested please submit the following documents:

- full CV with personal data
- full list of University exams with marks
- motivation letter
- list of two reference persons with contact details

to: humanresources@medyria.com

Sincerely

Medyria Human Resources Office