



European Surgical Robotics Demonstration Day

– 27 March 2014, Leuven (Heverlee) –

For decades, advances in training, medication, sensing and instrumentation have progressed surgical techniques. Nowadays robotics are being looked at as the next means to further increase surgical precision, improve efficiency and push boundaries of surgical skill. Currently still US-dominated, the European Union through its 7th Framework Program, is supporting research to catch up and overtake the lead in this strategic and highly dynamic domain.

On the occasion of a block review meeting of three leading EU-funded research projects which will take place in Leuven (Heverlee) during the week of 24 to 28 March 2014; it is our pleasure to invite interested external people to come and see the latest developments in surgical robotic technology in the domains of cardiovascular, microsurgery and minimal invasive surgery.

the three show-casing projects

[STIFF-FLOP](#) - [μRALP](#) - [CASCADE](#)

invite you

for a morning of hands-on demonstrations, followed by an afternoon workshop with distinct speakers covering various aspects of surgical robotic technology. **Registration to this event is obligatory** and can be done through [this link](#). Please be aware that the number of places is limited. Therefore, admission will be done on a first-come, first-served basis. Access and travel information to the Aula of the 2nd Law of thermodynamics, Kasteelpark Arenberg 41, 3001 Heverlee can be found [here](#).

Agenda

10.00 – **Opening of Demonstration Day** –

Prof. J. Vander Sloten, Dr. E. Vander Poorten, KU Leuven,

Prof. K. Althoefer, Dr. H. Würdemann, King's College London, Leonardo Mattos, Istituto Italiano di Tecnologia

10.15 – **Demonstrations** of [STIFF-FLOP](#) - [μRALP](#) - [CASCADE](#) –

11.00 – **Demonstrations** of [STIFF-FLOP](#) - [μRALP](#) - [CASCADE](#) –

11.45 – **Demonstrations** of [STIFF-FLOP](#) - [μRALP](#) - [CASCADE](#) –

12.45 – **Lunch**

14.00 – **The Future of Robotics from a Clinical Standpoint** –

Dr. Alexandre Mottrie, OLV Hospital, Aalst, Belgium

14.30 – **Design and Implementation of a Medical Robot System** –

Dr. Gernot Kronreif, Area Manager Medical Robotics, Austrian Center for Medical Innovation and Technology

15.00 – **Horizon2020 and Robotics in the Work Programme** –

Dr. Christoph Klein - Research Programme Officer, Robotics, EU, DG Communications Networks, Content & Technology

15.30 – **Coffee Break**

15.50 – **Notified Bodies and the CE certification Process for Medical Devices** –

Ir. Bart Mersseman, Product Manager Medical Devices, Notified Body, SGS

16.20 – **The Past and Future of Patents: How did we get into the current mess and how could we get out again?** –

Prof. Dr. Herman Bruyninckx, KU Leuven, Belgium

17.00 – **Reception offered by LMTC**



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