

To the students  
**1<sup>st</sup> year Master of Science in Engineering**

concerning a visit to the  
**department of electronics and information systems**

Sint Pietersnieuwstraat 41 (Technicum),  
Technologiepark 914 (Zwijnaarde),  
Gaston Crommenlaan 8 (Zuiderpoort),  
en De Pintelaan 185 (UZ Gent),

on **Monday 20 april 2015**  
and **Thursday 23 april 2015**,  
starting at **14h00**

**On Monday 20 and Thursday 23 April**, students of the first year of Master of Science in Engineering (Electrical Engineering, Engineering Physics, Computer Science Engineering, Photonics Engineering, Biomedical Engineering and Industrial Engineering and Operations Research) are offered the opportunity to visit the ELIS department at its different locations: **Technicum**, de **Zuiderpoort**, campus **Zwijnaarde Ardoyen**, **University Hospital (UZ)**. With this visit we intend to offer the students the opportunity to get an idea of the research that is conducted in our different research groups. This should assist in making an informed decision on a **Master's thesis subject** for next year.

Students can visit **10 demo sessions** spread over the different research laboratories. Each demo lasts for about 50 minutes (including questions). Students can make their own choice on which sessions they want to attend. Demos start at  $x$  h 00 and end at  $x$  h 50 (  $x$  stands for **14, 15, 16 or 17**).

Students can subscribe via <http://plato.fea.ugent.be/demos/index-en.php>. Each student can thus make its own shedule, *à la carte*. Do not wait too long to subscribe: places are limited for each demo as indicated below.

prof. Roel Van Holen

P.S. These two afternoon sessions should not prevent students to personally contact thesis promoters and/or supervisors!

**Demo # 1 : Data security, processors and software**

by prof. Koen De Bosschere and prof. Bjorn De Sutter at Technicum in room Turing at floor – 3 .

Max 20 students per session (on 20 April at 14 h and on 23 April at 15 h).

**Demo # 2 : Hardware design tools**

by prof. Dirk Stroobandt at Technicum in room Gobelijn at floor – 1.

Max 20 students per session (only on 20 April at 15 h).

**Demo # 3 : Display technology**

by prof. Herbert Desmet and ir. Joshi Pankaj at Zwijnaarde 914 in room 1 en 2 at ground level.

Max 40 student per session (only on 23 April at 14 h).

**Demo # 4 : Analog chip design**

by prof. Pieter Rombouts at Technicum in de circuit-lab at floor – 2.

Max 10 studenten per session.

**Demo # 5 : Medical image and signal processing**

by prof. Christian Vanhove at UZ in the Infinity lab (building P8 floor – 1, next to cyclotron).

Max 10 students per session (only on 23 April).

**Demo # 6 : Multimedia**

by prof. Rik Van de Walle and prof. Peter Lambert at Zuiderpoort (floor 3) in Ledeberg.

Max 25 students per session (only at 14 h and 16 h; each session 2 choices out of 5 themes: see [mmlab.be/students](http://mmlab.be/students)).

**Demo # 7 : Machine learning en robotics**

by prof. Joni Dambre at Technicum in the lab at floor 0.

Max 20 students per session (only at 16 h).

**Demo # 8 : Smart microsystems**

by prof. Jan Vanfleteren, prof. Geert Van Steenberge, prof. Erwin Bosman and dr. Jeroen Missinne at Zwijnaarde 914 A in room Brody groot (floor 1).

Max 20 students per session (Both days at 14 h and 16 h).

**Demo # 9 : Photonics, liquid crystals and photovoltaic cells**

by prof. Filip Beunis at Technicum in room Maxwell (blok 3).

Max 20 students per session (only on 20 April at 14 h and 16 h and 23 April at 16 u).

**Demo # 10 : Architecture and compilers for powerful, energy-efficient computers**

by prof. Koen De Bosschere, prof. Lieven Eeckhout and prof. Bjorn De Sutter at Technicum in room Gobelijn at floor – 1.

Max 40 students per session (both days at 14 h).