EUROPEAN MASTER OF SCIENCE IN PHOTONICS

Joint programme
Photonics is now widely recognized as a **major innovation enabling discipline for the 21st century**.

It can be defined as the field of science and technology where the fundamental properties of light (=photon) and its interaction with matter are studied and applied.

Since several decades photonics has been penetrating in ever more applications and household appliances, sectors such as tele- and datacom, display and camera industry, biotechnology, solar energy, medical instrumentation, laser material processing, etc.

Ghent University offers a dedicated master of science program in photonics since 2006: the **European Master of Science in Photonics** whereby the main focus is on photonics but also reaches into the fields of electrical engineering and applied physics.
About the program

Ghent University (UGent) and Vrije Universiteit Brussel (VUB) jointly offer a two-year (120 ECTS) European Master of Science in Photonics. It leads to a joint UGent-VUB Master of Science degree.

The program provides an in-depth education in photonics, with a focus on both the fundamental science and the engineering of light-based phenomena and systems. Photonics graduates move into PhD positions in top level research groups all around the world or into industry.

The program:

- teaches all the **core photonics courses**
- offers **advanced photonics courses in multiple fields of specialization**
- allows students to broaden their degree to with a secondary engineering specialization
  - in electrical engineering & information technology
  - in applied physics & material science
  - in life sciences & biomedical engineering
  - in business engineering & entrepreneurship
- has a strengthened focus on:
  - **Photonic skills**
    (measurement, engineering and research skills)
  - **Employability**
    (internship, entrepreneurship, photonics in industry)
- includes extensive opportunities to gain **international experience**
- includes a **master thesis project** in a research lab
The European Master of Science in Photonics is accessible for both students from an Electrical Engineering background as well as from an Applied Physics or Engineering Physics background. Students must have completed a minimum of 180 ECTS credits (typically a three year bachelor) but is also open to students with a master degree who wants to specialize in the field of photonics.

Each year between 20 and 40 students start this master program which allows them to have a close interaction with their fellow students, the teaching assistants and with the professors.

We also ensure that there is plenty of opportunity to get into contact with the researchers, people from industry both in a formal and informal setting.

The student population consists of both local UGent & VUB students, European students and students from all round the world.
Overview of the program

Program
- English-taught
- Two-year program, 120 ECTS credits
- Master of Science degree in Photonics
- Started in 2006
- Over 300 graduates

Features
- Basic & Specialized Photonics courses
- Strong focus on hands-on training
- Master thesis in advanced research labs
- International experience

Balanced
- 35 % Theory
- 10 % Soft Skills
- 30 % Labs
- 25 % Master thesis

Photonics +
- Broadening in another engineering field:
  - Electronics & ICT
  - Physics & Materials
  - Life Sciences
  - Entrepreneurship & Business Engineering

Career opportunities
- 65 % works in industry
  - R&D
  - Sales/Business Support
  - Technical Management
  - Consultancy
- 35 % starts a PhD

Networking
- Light Nights
- Photonics Summer Symposium
- Photonics Event
- Student Chapters
  - Photonics Society Ghent
  - IEEE Photonics Benelux
  - SPIE Brussel Chapter
All **mandatory courses** can be followed either at Ghent University or at Vrije Universiteit Brussel. The courses are taught in parallel on both institutions by a team of professors.

The **electives courses** are taught at one of both institutions. By means of teleclassing students don’t need to commute but can follow VUB-taught electives in the UGent teleclassing room and vice-versa.

For hands-on lab courses, students need to commute to the other partner (easy access by train). The traintickets are reimbursed at the end of the academic year by the program board.

The program leads to one joint degree issued by Ghent University and signed by both UGent and VUB.

---

**Structure**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEM 1</td>
<td>Core Photonics, Advanced Photonics</td>
<td></td>
</tr>
<tr>
<td>SEM 2</td>
<td>Core Photonics, Advanced Photonics</td>
<td></td>
</tr>
<tr>
<td>SUMMER BREAK</td>
<td>International Research/Industrial Internship (MIN. 10 WEEKS)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial Internship in Photonics (MIN. 5 WEEKS)</td>
<td></td>
</tr>
<tr>
<td>SEM 3</td>
<td>Advanced Photonics, Multidisciplinary, Recent Trends in Photonics</td>
<td></td>
</tr>
<tr>
<td>SEM 4</td>
<td>Master Thesis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Graduate European Master of Science in Photonics (120 ECTS)</td>
<td></td>
</tr>
</tbody>
</table>

*B.Sc. in Electrical engineering or in (Applied) Physics or an equivalent such as Materials Science to be directly admitted to the program. Check our website for all details.*
In order to broaden the background and the degree of the graduates, students, students can have a **secondary specialization** in 1 out of 4 Engineering Clusters:

- **Electronics & Information Technology**
- **Physics & Materials**
- **Life Sciences**
- **Business Engineering & Entrepreneurship**
# Program in detail

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
<th>ECTS</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optical Materials</td>
<td>6</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Microphotonics</td>
<td>6</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Lasers</td>
<td>4</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Mathematics in Photonics</td>
<td>4</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Introduction to Entrepreneurship</td>
<td>3</td>
<td>UGent or VUB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1, Semester 2</th>
<th>ECTS</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratories in Photonics Research</td>
<td>6</td>
<td>UGent + VUB</td>
</tr>
<tr>
<td>Optical Communication Systems</td>
<td>6</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Sensors and Microsystem Electronics</td>
<td>6</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Physics of Semiconductor Technologies and Devices</td>
<td>4</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Innovation in Photonics</td>
<td>3</td>
<td>UGent or VUB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
<th>ECTS</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recent Trends in Photonics</td>
<td>4</td>
<td>UGent or VUB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
<th>ECTS</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master Thesis Project</td>
<td>30</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Electives</td>
<td>38</td>
<td></td>
</tr>
</tbody>
</table>

| Total              | 120  |                |
## Electives

<table>
<thead>
<tr>
<th></th>
<th>ECTS</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Photonics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Photonics</td>
<td>4</td>
<td>UGent or VUB</td>
</tr>
</tbody>
</table>

*The Photonics course is only intended for students without Bachelor’s Degree from Ghent University.*

<table>
<thead>
<tr>
<th>Advanced Photonics</th>
<th>16</th>
<th>UGent or VUB</th>
</tr>
</thead>
</table>

*See list of Photonics Elective courses. Students with a UGent Bachelor Degree, must take up 4 additional ECTS credits.*

<table>
<thead>
<tr>
<th>Engineering Cluster</th>
<th>18</th>
<th>UGent or VUB</th>
</tr>
</thead>
</table>

### Electronics & Information Technology

| Physics & Materials   |      |                  |
| Life Sciences         |      |                  |
| Business Engineering & Entrepreneurship |      |                  |

### Total

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

## Overview for students with UGent BSc.

<table>
<thead>
<tr>
<th></th>
<th>ECTS</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Photonics</td>
<td>20</td>
<td>UGent or VUB</td>
</tr>
<tr>
<td>Engineering Cluster</td>
<td>18</td>
<td>UGent or VUB</td>
</tr>
</tbody>
</table>

### Total

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

### Total

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>
### Typical weekly calendar example at UGent

#### Lecture schedule Year 1 – Semester 1

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-11:30 Microphotonics</td>
<td>10:00-11:30 Mathematics in Photonics</td>
<td>08:30-11:30 Mathematics in Photonics</td>
<td>10:00-13:00 Optical Materials Lab</td>
<td></td>
</tr>
<tr>
<td>11:30-13:00 Lasers Lab</td>
<td>11:30-13:00 Optical Materials Lab</td>
<td>11:30-13:00 Optical Materials Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00-16:00 Microphotonics</td>
<td>13:00-14:30 Optical Materials</td>
<td>Reserved for electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lab</td>
<td>15:30-18:00 Introduction to entrepreneurship</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Lecture schedule Year 1 – Semester 2

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-13:00 Optical Communication Systems</td>
<td>Laboratories in Photonics Research</td>
<td>Reserved for electives</td>
<td>10:00-13:00 Physics of Semiconductor Technologies and Devices</td>
<td>10:00-11:30 Optical Communication Systems Lab</td>
</tr>
<tr>
<td>16:00-19:00 Innovation in Photonics</td>
<td>14:30-17:30 Sensors and Microsystem Electronics</td>
<td>13:00-16:00 Sensors and Microsystem Electronics Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lectures</td>
<td>Labs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
In total students can spend between 16 & 20 ECTS credits from the list below.

<table>
<thead>
<tr>
<th>Course</th>
<th>ECTS</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optical Spectroscopy of Materials</td>
<td>4</td>
<td>UGent 1</td>
</tr>
<tr>
<td>Display Technology</td>
<td>4</td>
<td>UGent 1</td>
</tr>
<tr>
<td>Non-linear Optics</td>
<td>4</td>
<td>UGent 1</td>
</tr>
<tr>
<td>High Speed Photonic Components</td>
<td>4</td>
<td>UGent 1</td>
</tr>
<tr>
<td>Biophotonics</td>
<td>4</td>
<td>UGent 1</td>
</tr>
<tr>
<td>Photonic Integrated Circuits</td>
<td>4</td>
<td>UGent 2</td>
</tr>
<tr>
<td>Optical Sensors</td>
<td>4</td>
<td>VUB 1</td>
</tr>
<tr>
<td>Design of Refractive and Diffractive Optical Systems</td>
<td>4</td>
<td>VUB 2</td>
</tr>
<tr>
<td>Optical Design with Ray-tracing Software: Laboratory</td>
<td>4</td>
<td>VUB 2</td>
</tr>
<tr>
<td>Introduction to Quantum Physics for Electrical Engineering</td>
<td>4</td>
<td>VUB 1</td>
</tr>
<tr>
<td>Technological Processes for Photonics and Electronics: Laboratory</td>
<td>4</td>
<td>UGent 2</td>
</tr>
<tr>
<td>Photovoltaic Energy Conversion</td>
<td>4</td>
<td>UGent 1</td>
</tr>
<tr>
<td>Quantum Optics</td>
<td>4</td>
<td>UGent 1</td>
</tr>
<tr>
<td>Micro- and Nanophotonic Semiconductor Devices</td>
<td>4</td>
<td>UGent 1</td>
</tr>
<tr>
<td>Internship in Photonics</td>
<td>4</td>
<td>company</td>
</tr>
</tbody>
</table>

1. Teleclassing is available
2. Traintickets are reimbursed
In order to broaden the background and the degree of the graduates, students can spend 18 ECTS credits from 1 of the 4 engineering modules mentioned below.

- Electronics & Information Technology
- Physics & Materials
- Life Sciences
- Business Engineering & Entrepreneurship
The programme strongly recommends & supports students to complete part of their programme abroad. This can be a short research visit of a couple of weeks in the context of a master thesis or a longer visit (up to one year) with one of our renowned partner institutes.

Students can apply for a Eramus+ scholarship in order to get a monthly fee to compensate (part of) their costs.

We collaborate with prestigious high-level European partner universities.

The program supports the students in an active manner by selecting, together with the students, the appropriate courses at the partner universities or to define, together with professors or research-labs from the partner universities, a suitable master thesis project.

## Mobility Opportunities

**Courses** (30 ECTS)  
at a partner university

**Master thesis** (30 ECTS) project  
at a partner university

**Courses** (30 ECTS) and **master thesis** (30 ECTS) project  
at a partner university

**International internship** (10 ECTS)  
in a company or research lab

**Master thesis** project  
in collaboration with a partner university  
1-2 visits (6 ECTS) to the partner’s research labs

Participation in **Summer / Winter Schools** organized by other universities or professional photonics societies (eg. OSA)
Partner universities

Coordinating universities
- UGent (BEL)
- VUB (BEL)

Preferential partners
- St Andrews (GBR)
- DTU (DNK)
- ICFO (ESP)
- UPV (ESP)
- Lund (SWE)
- ITMO (RUS)
- KIT (DEU)
- EPFL (CHE)
- ECM (FRA)

Other possibilities
- ETH Zurich (CHE)
- NTUA (GRC)
- TUBerlin (DEU)
- ParisTech (FRA)
- KTH (SWE)
- WRUT (POL)
- WUT (POL)
- Polimi (ITA)
Within the program, there is a strong focus on both employability and on entrepreneurship / entrepreneurial skills.

- **Courses**
  - Introduction to Entrepreneurship
  - Innovation in Photonics

- **Internships opportunities**
  - (Industrial) Internship in Photonics - 5 weeks
  - International (Research / Industrial) Internship - 10 to 12 weeks

- **Company visits**

- **Lectures** by people from industry

- **Student-entrepreneur** status possible

---

Caro (UGent Photonics student on exchange at DTU) participates with her team at the mai Bangkok Business Challenge

---

Nice work from EMSP-alumnus Francesco (et al.) @infinityPV @eu_photonics #EMSPalumni@work! Good luck!

---

Congrats to EMSP alumnus Chiao-Wei Hsu with third place! #swbru
“For the industry, photonics engineers can make the quantum leap. Shaping the photonic industrial revolution starts with the right education.”

-Jan Watté-
group leader R&D Optics
CommScope

“I enjoyed my internship within AMS/CMOSIS very much. A great experience to learn how companies work and how vital precise measurements are in real-life.”

-Cheyenne Goeminne-
student
European MSc. in Photonics
Career possibilities

- **65 %** industry
  - R&D
  - project management
  - consultancy
  - sales/business support

- **35 %** PhD

  * based on over 300 graduates since 2006-2007

  based on international students only: 60% PhD, 40% industry
Photonics industry in Belgium
Where do we have alumni in PhD?

In Europa
- TU Wien, Austria
- UGent, Belgium
- KUL, Belgium
- VUB, Belgium
- DTU, Denmark
- Paris-Sud, France
- Institut Fresnel, France
- TU Berlin, Germany
- Max Planck, Germany
- Uni Koln, Germany
- GSI, Germany
- NUI Tyndall, Ireland
- NUI Galway, Ireland
- University of Naples, Italy
- Twente, the Netherlands
- TU Eindhoven, the Netherlands
- Trondheim, Norway
- UPM, Spain
- KTH, Sweden
- Uppsala, Sweden
- EPFL, Switzerland
- St Andrews University, UK
- ORC Southampton, UK
- Heriot-Watt, UK
- …

Outside Europa
- CUDOS, Sydney, Australia
- Swinburne, Australia
- KAUST, Saudi Arabia
- Masdar Institute, United Arab Emirates
- CREOL, USA
- Stanford, USA
- Yale, USA
- Columbia University, USA
- MIT, USA
- …
Alumni Testimonials

Alex Liles
- Master in photonics : 2011 - 2013
  - Internship at CERTH (Greece)
  - Thesis at DTU (Denmark)
- PhD at St Andrews University: 2013 - 217
- Silicon Photonics Engineer at imec Florida: 2018 - ...

_The European MSc. in Photonics offers the students exposure to cutting-edge research and top-level infrastructure in leading European academic institutes, providing knowledge and skills necessary for pursuing a career in academia as well as in industry._

_Most importantly, the mobility tracks of the program sets an excellent ground for professional networking and cultural education which combined can make you stand out from the -competitive- crowd. Intensive, demanding but I would recommend it any time!”_

Pierre Wahl
  - Courses at KTH (Sweden)
- PhD at VUB & Stanford (USA): 2009 - 2014
- Co-founder Luceda Photonics (spin-off): 2014 - ...

_The level of the courses is high. After completing the program I feel prepared to be a researcher and for the job market._

Xiaomin Nie
- Bachelor at Dalian University of Technology
- PhD at UGent: 2016 - ...

_During my BSc. in Applied Physics in Dalian University of Technology (DUT, China), I was lucky to have chance to know the ‘3+2’ program jointed by DUT and UGent-VUB. This program gave me the opportunity to proceed my study as a master student immediately after the third year of Bachelor. Without any doubt, the MSc.in Photonics will prepare you for the further researches in academia and will also benefit you a lot in the job market._
Camiel Op de Beeck
  Courses + Thesis at UPV (Spain)
- PhD at UGent: 2016 - …

*After my BSc. in Physics Engineering, I was in doubt about how to proceed. The MSc. in Photonics offered me a very flexible and customizable program that fitted my interests. The photonics courses open up a world of possibilities where all the theory from the bachelor becomes relevant. The international aspect might seem like a hurdle at first, but it really is an invaluable experience for any engineer."

Maria Anagnosti
- Master in photonics : 2009 - 2011
  Internship at Xio Photonics (Netherlands)
- Internship at NTT (Japan)
- R&D at Alcatel-Lucent / Nokia (France): 2012 - 2015
- Hardware Engineer at Infinera (USA): 2016 - …

*The MSc. in Photonics programme was a life-time opportunity for me to study and learn about High Technology Photonic sciences, experience different cultures and meet a lot of interesting people. The courses provided prepare the students for both an academic career and also an industrial position."

Alvaro Casas Bedoya
  Courses + Thesis at University of St Andrews (UK)
- PhD at Sidney University (Australia): 2009 - 2013
- Research Associate at CUDOS (Australia): 2013 - …
  Cleanroom manager, OSA Ambassador

*Surprisingly for me, the researchers, who are writing the science right now, were my professors. This is surely one of the best options for any photonics aspirant...*
• Photonics Society Ghent
  - SPIE Ghent chapter
  - SID Lowlands Branch
  - OSA Ghent chapter

• SPIE Brussels Chapter

• IEEE Photonics Benelux Student Chapter

Both chapters/societies consist of researchers, PhD-students and master students. The master students participate actively in both societies.

Each semester a Light Night is organized by one of the chapters whereby a guest lecturer is invited (from industry or academics) or a workshop is organized or the students engage in a quiz or game-night.

Students during a company visit to Philips Museum in Eindhoven (NL)

Student chapter activity:
Laser Game: Khet 2.0
During the two-day **Photonics Summer Symposium** the final year students present (and defend) their master thesis topics and some international speakers are invited to give a talk.

During the annual **Photonics Event** companies come to present themselves to the students and researchers. This year imec, luceda photonics, commscope, huawei and trinean organized a hands-on workshop whereby students could interact with the companies.

Students have the opportunity to attend **conferences** or participate in **summer schools** or **workshops**. In 2016 students attended SPIE Photonics Europe (conference) & the IEEE Photonics Benelux Annual Symposium and attended the Silicon Photonics Summer School.
Students who are enrolled in the Graduate Program in the Institute of Photonics and Optoelectronics, which is a two-year program leading to a Master of Science degree, have the opportunity to enroll in the European Master of Science in Photonics after their first year and do the second year in the EMSP program.

Upon completion of the European MSc. in Photonics, students are awarded:

- Master of Science degree from NTU
- Master of Science degree from UGent-VUB

Prof. Sheng-Lung Huang (GIPO, NTU) and Prof. Roel Baets (UGent) sign the 1+1 program collaboration agreement.
3+2 Program

Students who are enrolled in one of the following majors in Dalian University of Technology:

- Physics
- Optical Engineering
- Integrated Circuit Design

can enroll -after their 3rd year- in the European Master of Science in Photonics

Upon completion of the European MSc. in Photonics, students are awarded:

- Bachelor degree from DUT (after year 1)
- Master of Science degree from UGent-VUB (after year 2)

Prof. Baets, prof. Morthier & all UGent Photonics members with Dalian roots meet with prof. Mingshan Zhao of Dalian University of Technology
 Fees & Scholarships

**TUITION FEES**

Students in the European Master of Science in Photonics pay a reduced* annual tuition fee of 922 Euro.

* The regular fee for other Master programs at the Faculty of Engineering is 5424 Euro.

**GRANTS & SCHOLARSHIPs**

VUB Scholarships (5 available) consists of:

- Full tuition fee waiver + Insurance
- **Annual amount** of 10000 Euro.

UGent Photonics Excellence Grant consists of:

- 5 Grants of 5000 Euro for year 1;
- 5 Grants of 5000 Euro for year 2.

B-PHOT VUB Excellence Scholarships consists of:

- 3 Entry grants of 1000 Euro for semester 1;
- 3 Continuation grants of 1500 Euro for semester 2;
- 1 Excellence grant of 5000 Euro for year 2.

**OTHER SCHOLARSHIP OPPORTUNITIES**

- UGent Master Grants
- UGent Top-Up Grants
- Flemish Master Mind Scholarships
- CSC (China)
- Science Without Borders (Brazil)
- SPIE
- ...

...
How to apply?

1\textsuperscript{ST} Step

online application @ www.masterphotonics.be

DEADLINE:
@UGent before April 1 (EU & non-EU Students)
before June 1 (for EU-students only)
before September 30 (for Belgian students only)

In parallel: online application @ prospect.ugent.be

2\textsuperscript{ND} Step

interview with a UGent or VUB professor

Language Requirements

TOEFL or IELTS test needed at time of enrollment
(minimum marks: IELTS 6 overall, TOEFL iBT 87)
Why choose photonics?

**At the Heart of Technology**
Photonics plays an essential role in a variety of new and innovative technologies such as green energy, biotech, industry 4.0, ICT, multimedia & healthcare.

**Excellent Career Opportunities**
Within 3 months after graduation, over 95% of the students has found a job. Students who wants to starts a PhD have plenty of opportunity at one of UGent’s research groups or in research labs worldwide.

**International Experience**
Due to the mobility tracks, students acquire the indispensable international experience which is required in present-day society and the current job-market.

**Comprehensive Degree**
Students become photonics specialists but as today’s engineers mostly work in a multidisciplinary environment, they can prepare themselves by taking up a number of specialized courses from another engineering discipline.

**Education by World-Class Researchers**
The education is given by professors who not only excel in teaching but also excel in research on a European and even worldwide scale. A fair number of professors have received a prestigious European Research Council Grant.

**Balanced Program**
Besides a firm technical knowledge, there is also a very strong focus on hands-on skills and a focus on employability and entrepreneurship whereby the basic concepts of economy, IP, starting your own business are tackled.
Chairs of the Program Board:

Prof. Peter Bienstman
(peter.bienstman@ugent.be)

Prof. Heidi Ottevaere
(heidi.ottevaere@vub.be)