

Doctoral School – Training module "Exploitation of Research / Technology & Knowledge Transfer"

Target group

Researchers reaching the end phase of their Ph.D.

Number of participants: 60

Objective

This module introduces PhD students into the different routes of technology & knowledge transfer and highlights the key attention points and success factors. The three main aspects of research exploitation will be covered by experts in each field: 1) contract & collaborative research; 2) patenting & licensing; and 3) creating a new company (spin-off). The approach is highly hands-on. In addition to case studies & testimonies, small groups (2 to 4 people) of Ph.D. students will be coached to work out an exploitation plan for the research results of one of them / one of their research groups.

Course outline

4,5 day course, 28 hours in total, spread over the period December-May

Day 1 – 9 December, Thermotechnisch Instituut, Kasteelpark Arenberg 41, 3001 Heverlee

- 09h00 – 10h00 Introduction to Basic Tech Transfer Routes & Organisational Framework
*Paul Van Dun, General Manager K.U.Leuven R&D,
Prof. Bart De Moor, Chairman IOF*
- 10h00 – 11h30 The Innovation Process & Flemish Innovation Landscape
Prof. Koenraad Debackere, Managing Director K.U.Leuven R&D
- 11h30 – 12h15 Testimony: Added Value & Challenges University-Industry Interaction
Prof. Jan Delcour, Head of Laboratory on Food Chemistry & Biochemistry
- 12h15 – 13h15 *Sandwich Lunch*
- 13h15 – 14h45 Technology Market Assessment
*Prof. Bart Van Looy, International Centre for Research on Entrepreneurship,
Technology & Innovation Management*
- 14h45 – 15h45 Technology Marketing
Ir. Wim Bens, Head of TU/e Innovation Lab
- 15h45 – 16h00 Closing remarks
Dr. Ir. Rudi Cuyvers, Innovation Manager K.U.Leuven R&D
- 16h00 – 18h00 *Networking Drink*

Day 2 – 22 January: place to be confirmed

- 09h00 – 11h00 Managing Intellectual Property Rights: General Framework
Prof. Marie-Christine Janssens, Centre for Intellectual Property Rights
- 11h00 – 12h00 Patenting & Licensing Strategies in a University Context
Dr. Ivo Roelants, IPR Officer K.U.Leuven R&D
- 12h00 – 13h00 *Sandwich Lunch*

- 13h00 – 14h00 How to Use Patent Databases: Introduction
Dr. Ivo Roelants, IPR Officer K.U.Leuven R&D
- 14h00 – 16h00 How to Use Patent Databases: Hands on Session
Dr. Ivo Roelants, IPR Officer K.U.Leuven R&D & colleagues

Day 3 (February: day & place to be confirmed)

- 09h00 – 11h00 Setting-up Successful Collaborations & Collaboration Agreements with Industry: Case Study & Key Elements
Bruno Lambrecht, Legal Counsel K.U.Leuven R&D
- 11h00 – 12h00 Testimony: Experiences & Lessons to be Learned out of the Industry
Testimony to be confirmed
- 12h00 – 13h00 *Sandwich Lunch*
- 13h00 – 14h30 Setting-up a Spin-off Company: Motivation, Process, Key Success Factors & Examples
Dr. Ir. Rudi Cuyvers, Innovation Manager K.U.Leuven R&D
- 14h30 – 15h15 Investors View
Dr. Jos Peeters, Managing Partner Capricorn Venture Partners
- 15h15 – 16h15 Testimony of a Researcher-Entrepreneur
Herman Verrelst, Data4S/Norkom & Medicim & Cartagenia
Dr. Stefaan Wera, ReMynd & Okapi Sciences

Day 4 (March: day & place to be confirmed)

- Funding the Innovation Process: from Basic Research to Collaboration with Industry/License/Spin-off
 - Research & Incubation Funding:
 - *Stijn Delauré, Dienst Onderzoekscoördinatie*
 - *Dr. Bruno Hoste, IOF*
 - *Dr. Ir. Rudi Cuyvers, K.U.Leuven R&D*
 - Funding possibilities provided by IWT & PMV
 - *Dr. Maarten Sileghem, Directeur Strategisch & Europees Onderzoek, IWT*
 - *Muriël Uytterhaegen, Investment Manager PMV*

Sandwich Lunch

- Internal Presentation & Discussion of the Exploitation Plans

Day 5 (May: day & place to be confirmed)

- Presentation & Discussion of the Exploitation Plans for a Jury of Industry Experts and Investors

Closing Drink

Organisation & Coaching

This training is a joint initiative of Leuven Arenberg Doctoral School, the Leuven Biomedical Sciences Doctoral School, K.U.Leuven Research & Development (LRD) and the Industrieel Onderzoeksfonds (IOF).

The development of the exploitation plans will be coached by K.U.Leuven R&D staff, IOF staff & mandate holders, Research Centre Coordinators.

Award

An award is assigned to the best exploitation plan in each of the doctoral schools.

You can register by simply sending an email to kristof.haex@lrd.kuleuven.be.