

**UNITECH: A network of professional possibilities**

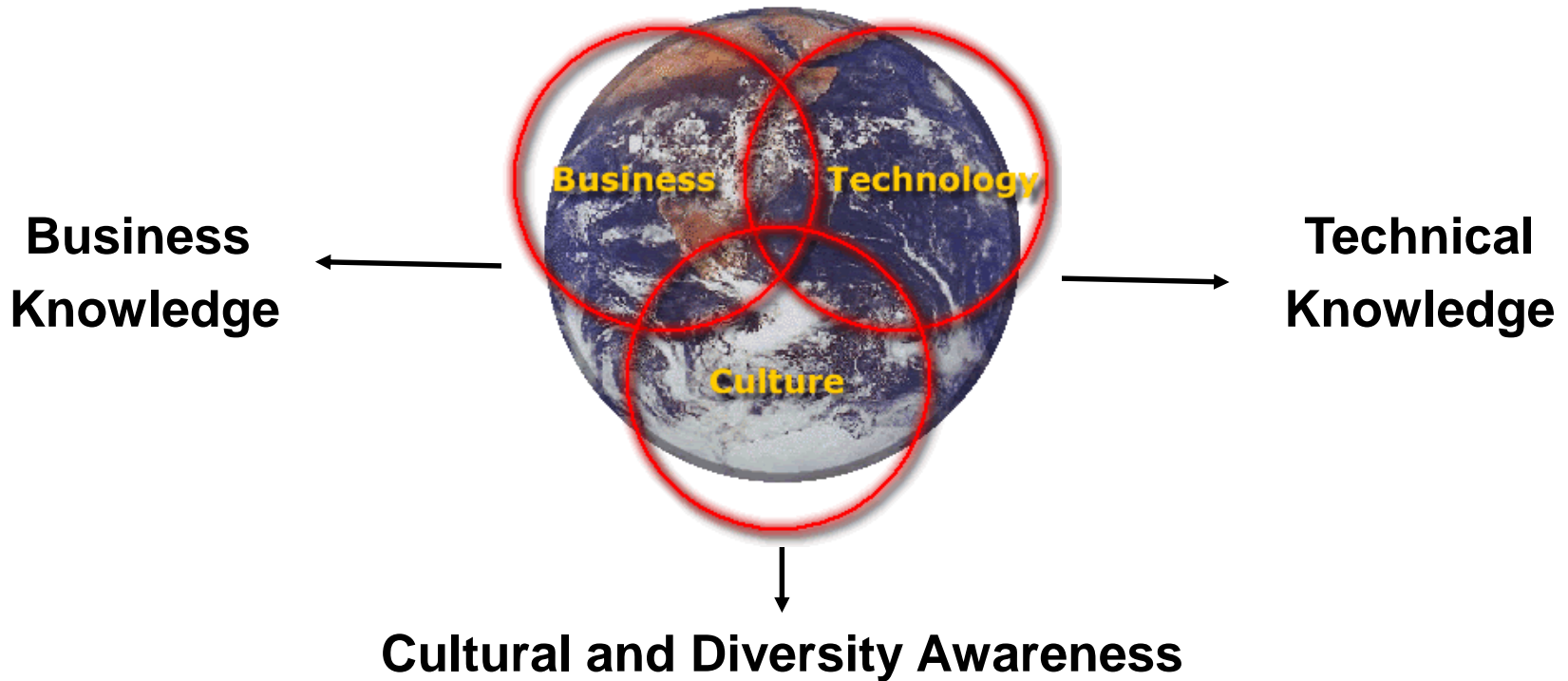


**UNITECH**  
International

# The UNITECH Advantage

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Rapidly changing environment =  
New skills needed in the engineers of tomorrow's



# Professional future, beyond education

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**Soroush Nakhaie**  
Graduated 2010  
Manager Scenario Planning  
Infineon, Singapore



**Orla O'Brien**  
Graduated 2013  
Incident Manager  
Vodafone

**Elenor Arkesten**  
Graduated 2012  
Operations & Fulfillment Manager  
Hilti



**Jan-Philipp Birke**  
Graduated 2014  
Assistant Plant Manager  
Evonik Industries



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# The UNITECH Class of 2015

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# The UNITECH system

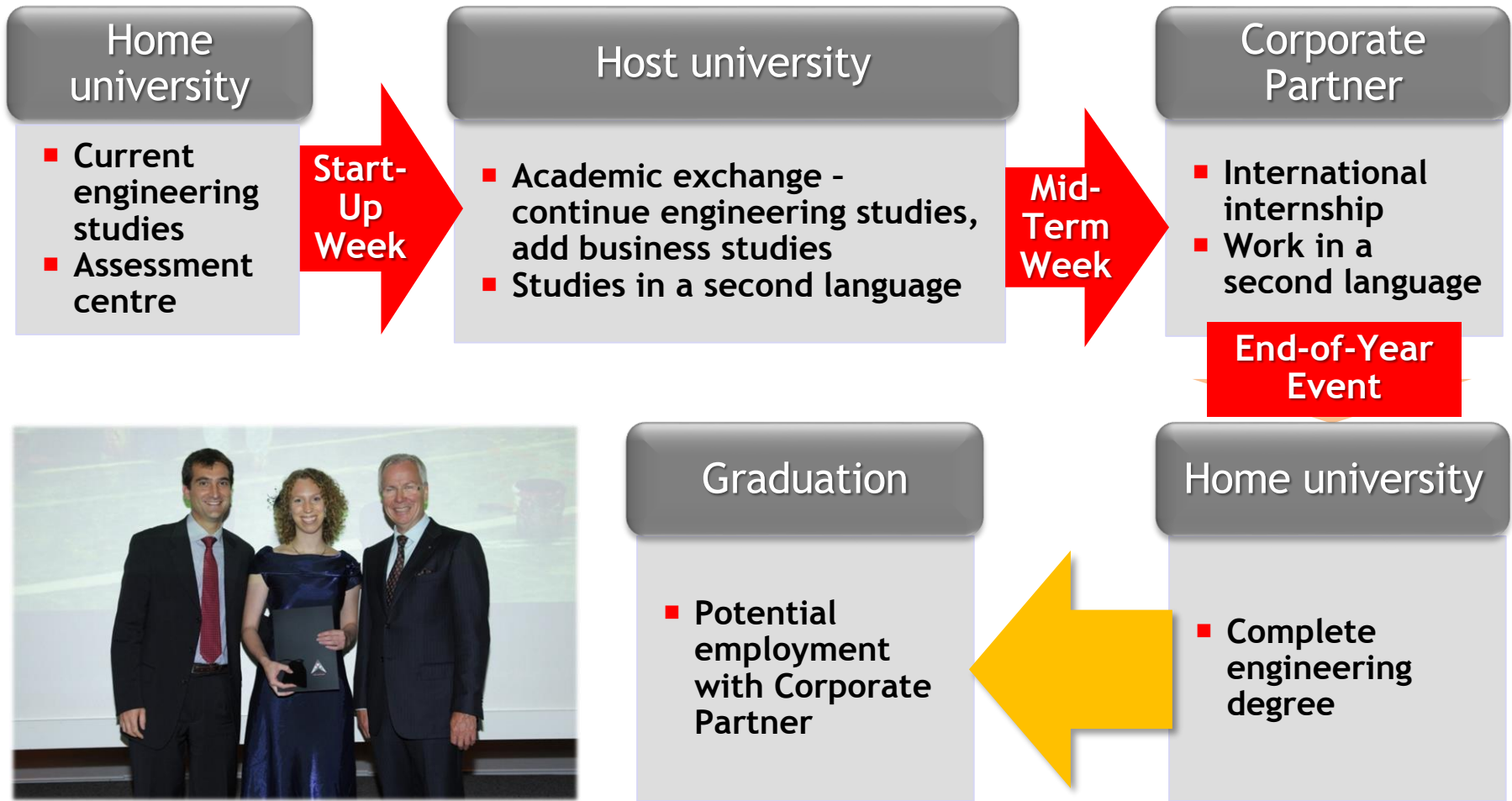
UNITECH is based on four key elements:

- **Exchange period** with an Academic Partner
- Interaction with international Corporate Partners and **internships** opportunities
- **Professional coaching** and training in an international setting (hosted in rotation by our Academic Partners)
- **International network** of excellence among students and UNITECH Alumni, companies and universities



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# UNITECH Programme Overview



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= Coached  
Module

# Develop your professional strengths



Selection



**Start Up Module**  
September 2016  
Loughborough  
University,  
England

Academic  
Exchange



**Mid Term Module**  
January 2017  
ETH Zürich,  
Switzerland

Company  
Internship



**End of Year Module**  
September 2017  
INSA Lyon,  
France



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# Coaching: Focus and Philosophy

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During the three modules we focus on:

- Developing ability to have early professional impact
- “Standing out while fitting in”
- Increasing speed of adjustment to different people and situations
- Developing personal leadership skills and style

UNITECH Coaches work with this philosophy:

- Offering simple, short activities offering multiple learning opportunities
- Encouraging development through reflection
- Giving constructive feedback with empathy





# The UNITECH Coaching Team

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**Alexandra**  
Member of  
Management Board  
Evonik



**Francesca**  
Coordinator,  
International Relations  
& EU Projects Office  
Politecnico di Milano



**Marion**  
HR Business Partner  
Hilti



**Marta**  
Account Manager  
Enterprise Business Unit  
Vodafone



**Thomas**  
Group Manager  
Development  
Hilti



**Robert**  
Culture Manager  
Evonik



**Graham**  
Senior  
Production Manager  
Boston Scientific



**David**  
Secretary General  
UNITECH

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# Coaching Themes in Joint Module 1

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## Saturday

### Strengthen Diversity!

- *Examine and emphasise diverse resources in group*

## Sunday

### Skill yourself up!

- *Core relational skills for dealing with people*

## Monday

### Form the group!

- *Exercises that emphasise and define group working skills and dynamics*

## Tuesday

### Plan the work

- *Focusing and prioritising time and talent in order to complete a task*

## Wednesday

### Work the plan!

- *Putting it all into action in preparing a group task*

## Thursday

### Make things happen!

- *Group work on the task*
- *Delivery of the report to real clients*

## Friday

**Set up your UNITECH year!**

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# Meet UNITECH Programme Participants

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- Qianhan Gong (*Loughborough University*)
- Anna Strandberg (*Chalmers University*)

# Coaching Themes in Joint Module 2

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## Monday

### Re-form the group!

- *Getting focused on the single task of the Case Assignment*

## Tuesday

### Plan the work

- *Focusing and prioritising time and talent in order to complete the Case Assignment*

## Wednesday

### Work the plan!

- *Putting it all into action in preparing for meeting the Case Assignment client*

## Thursday

### Make things happen!

- *Developing the solution to the Case Assignment for the Case Assignment clients*

## Friday

### Testing your assumptions!

- *Presenting your strategy and intent to the Case Assignment client*

*The Case Assignment is completed by the group, who work virtually after the second module to deliver a report, which is assessed and graded for credit points towards graduation*

# Coaching Themes in Joint Module 3

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## Wednesday

### Who are you now?

- Participating in guided reflection on the impact of their exchange and internship experience
- Sharing best practices

## Thursday

### Make things happen through dialogue!

- Developing refined, persuasive communication skills

## Friday

### Next steps for working the network!

- Preparing individuals for career marketability and Alumni membership



# Graduation

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Students graduate after completing:

- UNITECH programme
- Home studies (Masters Degree)

After graduation:

- Students become a **Fellow of the UNITECH International Society**
- Students may join the **UNITECH Alumni Association**, offering life long international contacts spread throughout academia and industry. Our Alumni association currently boasts over 650 members.

# Financials

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- There is no fee for participants
- Students receive a **financial contribution** to cover some of the costs of
  - Travel
  - The academic exchange period
- A **salary is paid** to the UNITECH students during the internship
- During the UNITECH Joint Modules, **costs for accommodation and most meals are covered** by UNITECH



# 4 steps to participation

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1. You apply on-line through the UNITECH Website

▲  
[www.unitech-international.org/the-programme/application/](http://www.unitech-international.org/the-programme/application/)

**Click on «Apply» besides the name of your Home institution**

2. INSA Lyon screens your application

3. INSA Lyon selects candidates for the Assessment Centre

4. Assessment Centre here in INSA Lyon on February 11, 2016

# UNITECH Application at INSA Lyon

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**Application deadline: 18/01/2016**

**Assessment Center: 11/02/2016**

**To get more information about the UNITECH Programme  
email → [unitech@insa-lyon.fr](mailto:unitech@insa-lyon.fr)**

**Innovation  
Catalyst**

**Opportunities to join  
joint innovation and development projects  
run by Corporate and Academic Partners**

**Opportunities to join joint  
research and development projects run  
by Corporate and Academic Partners**

**Opportunities to select courses  
that add to your capabilities and  
marketability as an engineer of the future**

**Research  
Accelerator**

**Talent  
Developer**

**Curriculum  
Advancer**

**UNITECH 2020  
5 Interaction Spaces**

**Societal  
Changer**

**Opportunities to engage in projects  
and activities that impact the world around you**

# The Wide and Varied UNITECH Network

## 8 Academic Partners

CHALMERS

ETH zürich

INSA INSTITUT NATIONAL  
DES SCIENCES  
APPLIQUÉES  
LYON

Loughborough  
University

POLITECNICO  
MILANO 1863

RWTH AACHEN  
UNIVERSITY

TRINITY COLLEGE DUBLIN  
COLÁISTE NA TRÍÓNÓIDE, BAILE ÁTHA CLIATH

THE UNIVERSITY  
OF DUBLIN

TU Delft  
Technische Universiteit Delft

## 13 Corporate Partners

ABB Boston Scientific  
Advancing science for life™ BUHLER CATERPILLAR®

Danfoss EVONIK INDUSTRIES GEBERIT

GRU HILTI infineon vodafone

VORWERK  
Unser Bestes für Ihre Familie







ZF

## Students and Alumni

- 70 active students 2015/2016
- Up to 80 students 2016/2017
- More than 650 active Alumni

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# INSA Lyon participation in UNITECH

<b>2013</b>								
Aurelia Pivot		Maxime Besson						
								
<b>2014</b>								
Meryem Aissami		Pascaline Ruhl		Marco Castellanos		Anaïs Thomas		
								
<b>2015</b>								
M'hammed Ben Sahal		Antonin Fauret		Nicolas Riabtchouk				
								

- UNITECH is: friends in all Europe, improving language skills in English, a professional network and a programme to grow up and learn about ourselves in an international environment.
- Thanks to UNITECH, I discovered life in other European countries, and I could develop my skills in project management in a very diversified European family.
- I learned to challenge myself thanks to UNITECH (Aurelia Pivot)

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<b>2015</b>								
	M'hammed Ben Sahal		Antonin Fauret		Nicolas Riabtchouk			
								

**2016?**

Your name here?	Your name here?	Your name here?	Your name here?	Your name here?
Your name here?	Your name here?	Your name here?	Your name here?	Your name here?

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# Application Form

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You will be asked to fill in the following **UNITECH Questionnaire sections**:

- **Essay questions**
- **Study plans for each of your three target universities** ( 3 separate study plans) , based on your ..... study plan and on the guidelines of each host university (courses/programme available, minimum number of credits, language requirements etc...)

You will also be asked **to upload the following documents**:

- **your Curriculum Vitae (PDF)**
- **a passport-size picture (JPG) [Not a copy of your passport!]**
- **your Transcript of Records (PDF)** – you can use the self-certified version in Italian available on your online services – **You have to sign the document before uploading it**

**In addition to this, you may upload** any documents you wish to add or that are required by your target universities (please see respective university information) such as

- **language certificates**
- **recommendation letters.**

**Please make sure the attachments do not exceed the maximum file size as specified in the application form.**

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