

*CLUSTER 25<sup>th</sup> Anniversary Symposium*  
**‘Challenges & Frontiers in Engineering Education’**  
**Students Program**



**October 21-23, 2015**  
**Eindhoven, The Netherlands**

**Students Program**

## Introduction

The Universities of Science and Technology of the CLUSTER Universities are pushing the limits in educating our students for the grand challenges of our time. Join our 25th anniversary symposium and discuss the future of engineering education with our deans, directors, professors, experts and students!

Every CLUSTER university nominates 3 students (ideally Undergraduate, Graduate and Doctorate) to participate in the discussions.

For all participating students a side program is arranged by the 'SAO' or Student Advisory Board of the TU/e. The SAO is a group of active students who regularly sit together with the Rector Magnificus. Themes of discussion vary from Campus 2020, internationalization, the role of study associations at the TU/e and much more.

## Students Program CLUSTER Anniversary Week

### ***Wednesday 21 October 2015***

#### **Student's Meetings**

<b>Venue</b>	<b>Eindhoven University of Technology / De Zwarte Doos</b>
<b>13:00-18:00</b>	<b>Program in collaboration with the TU/e Student Advisory Board</b>
<b>18:00-23.00</b>	<b>Diner &amp; welcome party</b>

### ***Thursday 22 October 2015***

#### **Symposium Challenges and Frontiers in Engineering Education**

<b>Venue</b>	<b>Evoluon Congress Center</b>
<b>8:30-15:45</b>	<b>Symposium Scientific part</b> Subtopics in parallel sessions & workshops
<b>15:45-19:00</b>	<b>Symposium Public part</b> Panel sessions with the CLUSTER Presidents & network event
<b>19:00-23:00</b>	<b>CLUSTER Gala dinner</b> Including dialogue between CLUSTER presidents and students

### ***Friday 23 October 2015***

#### **Cultural Program Eindhoven**

<b>Venue</b>	<b>Various Locations</b>
<b>9:00-13:00</b>	<b>Program in collaboration with the TU/e Student Advisory Board</b>
<b>13:00-18:00</b>	<b>Various excursions</b> - the Dutch Design Week - Eindhoven University of Technology

An optional visit to Amsterdam on Saturday / Sunday is suggested.

## Program Symposium 22 October

See full program for all details.

8.00-8.30	Registrations			
8.30-9.15	<b>Opening Ceremony</b>			
	Word of welcome by CLUSTER President			
	Keynote Speaker 1: Gareth McKinley Professor of Teaching Innovation MIT			
9.15-9.45	<i>Coffee break</i>			
9.45-12.00	<b>Scientific part, Parallel Sessions 1</b>			
	Topic 1: Innovative Doctoral Training <i>Jan Fransoo</i>	Topic 2: Technology Enhanced Learning <i>Ludo Froyen</i>	Topic 3: Entrepreneurship & KICs <i>Luis Miguel Silveira</i>	Topic 4: Involvement of Society: <i>Stefan Morgenthaler</i>
12.00-13.00	<i>Lunch break</i>			
13.00-15.15	<b>Scientific part, Parallel Sessions 2</b>			
	Topic 5: Gender Balance <i>Sabine van Huffel</i>	Topic 6: MOOC's & Outreach <i>Alexander Wanner</i>	Topic 7: Incubators & Startups <i>Enrico Macii</i>	Topic 8: Internationalization <i>Ramon Wyss</i>
15.15-15.45	<i>Break</i>			
15.45-17.45	<b>Public part: Closing Ceremony &amp; CLUSTER festivities</b>			
	Keynote Speaker 2: Tibor Navracsics, EU Commissioner (tbc)			
	Panel Discussion 1			
	Panel Discussion 2			
17.45-19.00	Closing Ceremony			
19.00-23.00	<b>CLUSTER Gala dinner (invites only)</b>			

Scientific Part

Public Part

## Venues CLUSTER Symposium

### Venue 'Evoluon'

The Evoluon is a conference center and former science museum erected by the electronics and electrical company Philips at Eindhoven in the Netherlands in 1966. Since its construction, it has become a landmark and a symbol for the city.

#### Address

Evoluon Eindhoven  
Noord Brabantlaan 1A  
5652 LA Eindhoven  
The Netherlands



## Venue TU/e

Eindhoven University of Technology is situated in the center of Brainport Eindhoven, the technological heart of the Netherlands. TU/e Science Park is located in the center of Eindhoven.

### Address

Eindhoven University of Technology  
De Zaale  
5612 AB Eindhoven  
The Netherlands



## Accommodation & Cost

### Accommodation

CLUSTER made a reservation for 10 double rooms in the Sandton Eindhoven Center Hotel, with room for 20 students. You will share a room (gender based) and costs are €100,- for two nights including breakfast. This amount will be taken from your stipendium. If you wish to stay at the Sandton hotel, you can fill this in on your registration form.

If the maximum number of registrations has been reached or if you would like to stay at another hotel, please go to [www.booking.com](http://www.booking.com) or <http://www.thisiseindhoven.nl/en/stay>. Besides the Sandton Hotel, we highly recommend the Blue Collar Hotel at Strijp-S and Crown Inn Hotel Eindhoven in the city center.

Due to the expected crowds attracted by the Dutch Design Week, we strongly recommend you to make a reservation at a hotel of your preference *as soon as possible*.

### Costs

CLUSTER provides all participating students and PhD candidates a stipendium of €150,- to cover expenses for hotels and traveling in the Netherlands.

## Contact Information & Registrations

### Contact & Questions

Erik de Jong  
CLUSTER coordinator  
[e.de.jong@tue.nl](mailto:e.de.jong@tue.nl)  
+31 (0) 40 247 8175

### Registrations & More information

[www.clustersymposium.org](http://www.clustersymposium.org) | To register for the Symposium and Student Meetings, please navigate to <https://www.aanmelder.nl/studentscluster/subscribe>.

### The CLUSTER Universities are:

-Aalto University - BarcelonaTECH - Darmstadt University of Technology - Eindhoven University of Technology - Grenoble Institute of Technology - Instituto Superior Técnico - Karlsruhe Institute of Technology - KU Leuven - Polytechnic University of Turin - Royal Institute of Technology - Swiss

Federal Institute of Technology in Lausanne - Trinity College Dublin- Université catholique de Louvain –

**Associate Members of CLUSTER are:**

- Georgia Institute of Technology - Polytechnique Montréal - Technion Israel Institute of Technology - Tomsk Polytechnic University - Tsinghua University - University of São Paulo -