

**Joint Project: Capacity Building in  
the Field of Higher Education  
ERASMUS+ 2018**

**Crisis and Risks  
Engineering for  
Transport Services**

**University Polytechnic Hauts-de-France,  
Institute of Science and Technology**



Co-funded by the  
Erasmus+ Programme  
of the European Union





**Warsaw, 2019**

**Pr. Jimmy LAUBER**



# Location at the heart of Europe's economic center



-  **Airports nearby**  
Lille – Paris - Beauvais –  
Brussels - Charleroi
-  **A TGV station**  
Valenciennes/Paris : 1h40
-  **Buses from Valenciennes**  
Eurolines → Brussels  
Isilines → Paris
-  **The tram in the city**



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# KEY NUMBERS



- Number of Students  
**11,878**
- In % of international doctoral students  
**2nd**
- Number and Percentage of International Students  
**1,826 : 15,37%**
- Nationalities  
**85**
- Student to Staff Ratio  
**9,95**
- Student Ratio of Males to Females  
**M/F = 1.37**

Sciences, Technology and Sport

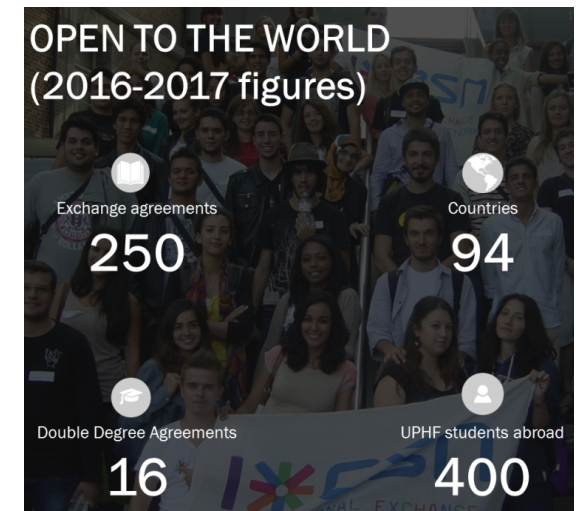
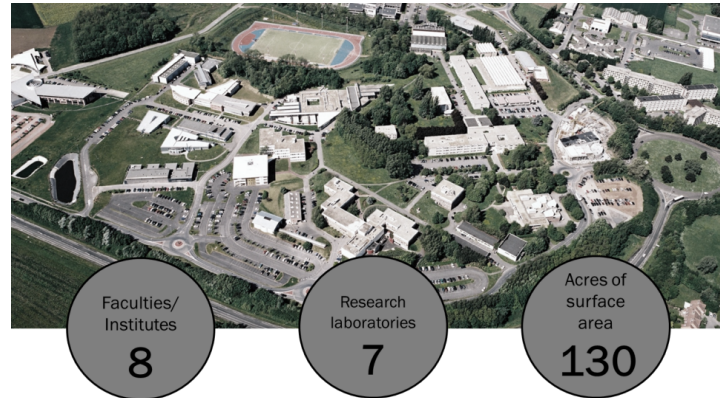
Students  
**5,618**

Law, Economics, Management

Students  
**3,816**

Art, Languages and Humanities

Students  
**2,719**



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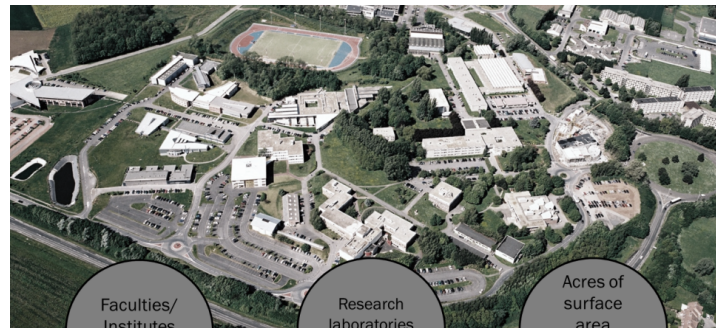
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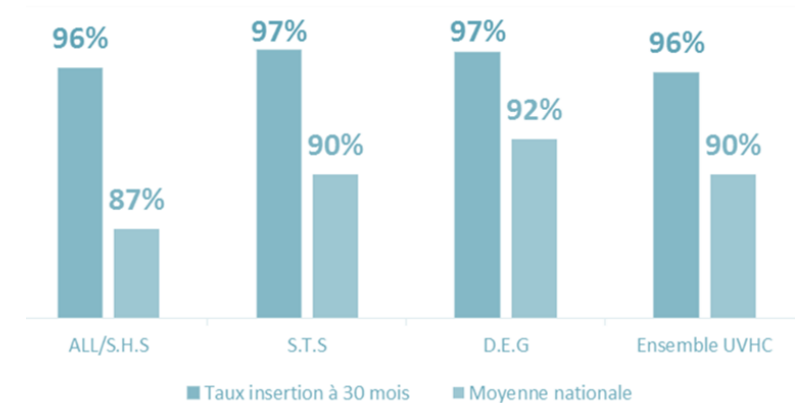
Faculties/  
Institutes  
**8**

Research  
laboratories  
**7**

Acres of  
surface  
area  
**130**

- Number of Students  
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## EXCEPTIONAL PROFESSIONAL INSERTION



Fields of study  
D.E.G : Law, Economics and Management  
S.T.S : Sciences Technology Health  
A.L.L/S.H.S : Arts Humanities Languages Social Sciences

**Training courses are in line with the realities of professional life**



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# 8 FACULTIES & 7 RESEARCH LABORATORIES



Management School



Faculty of Humanities  
and Arts

Culture, Arts, Literatures,  
History, Imagination, Societies,  
Territories and Environment



Mathematics and its  
Applications



Public Administration  
Institute



Faculty of Sport  
Sciences

Design, Visual, Urban



Materials, Ceramics,  
et associated processes



Faculty of Science  
and Technology



National Engineering  
School

Institute of Development  
And Prospects



Institute of Electronics,  
Micro-Electricity and  
Nanotechnology/Departement  
of Opto-Acoustics-Electronics



University-based  
Institute of Technology  
*9 departments*

Control Systems,  
Mechanics and Human/  
Industrial Technology



Faculty of Law and  
Economics



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## OUR FACULTY



### 9 Departments:

- Food Technology (Cambrai Campus)
- Chemical and Materials Engineering
- Digital Media Studies
- Mathematics
- Computer Science
- Electrical Engineering & Industrial Computing**
- Civil Engineering
- Mechanical Engineering
- Networks & Telecoms



SCIENCE, TECHNOLOGIES, SANTÉ

MASTER

GESTION DE PRODUCTION,  
LOGISTIQUE, ACHATS

**E-logistique**

#### Keywords:

- Lean management
- Supply chain optimization
- E-business
- ICT tools

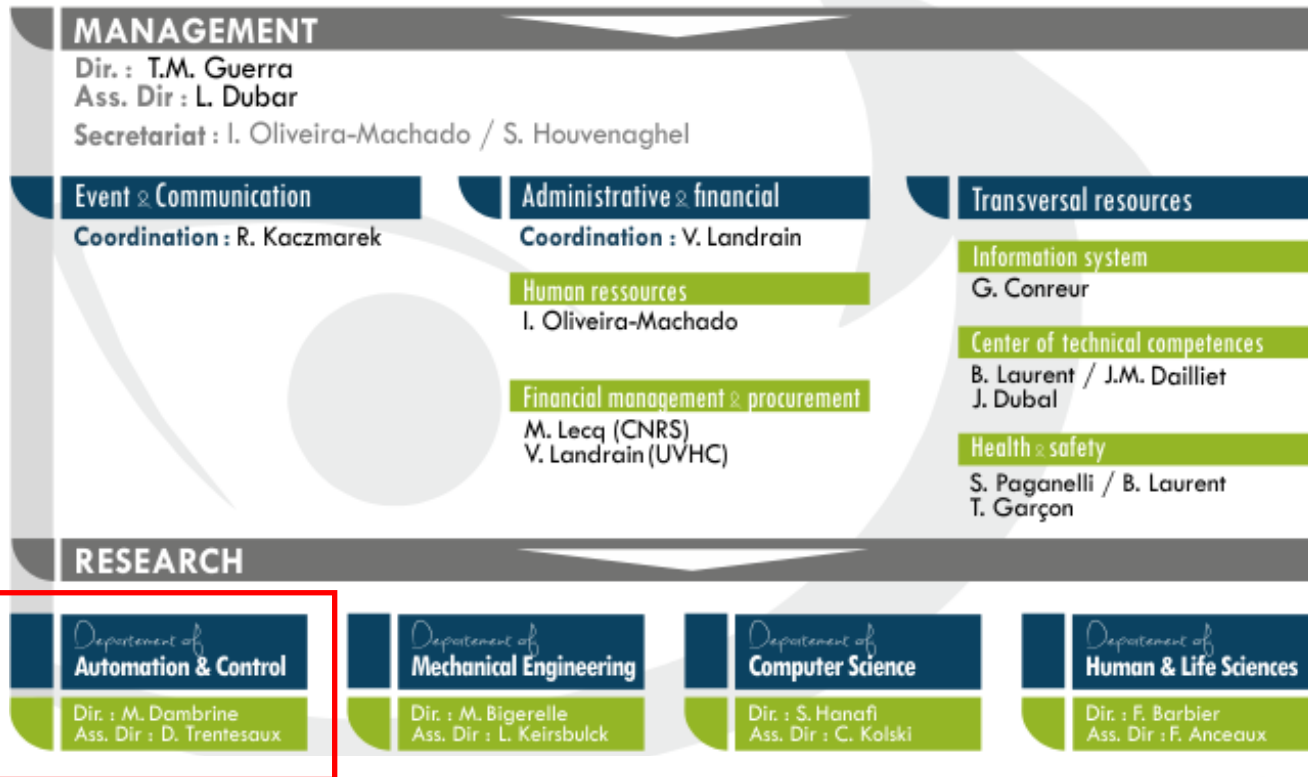


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# OUR LAB



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# 3 Strategic Priorities:

- Sustainable Transport and Mobility
- Digital Images and Creations
- Health and Disability Engineering



## Transport and Mobility: why?

 Railway Industry	 Car Industry	 Logistics
<p><b>10 000 employment</b></p> <p><b>1<sup>st</sup> European Region for Railway</b></p> <p>4 International manufacturers leaders</p> <p>1 Billion Euros Sales Revenue</p>	<p><b>36 000 employment</b></p> <p><b>1<sup>st</sup> French Region for Car Industry</b></p> <p>3 Cars Manufacturers,</p> <p>550 000 Vehicles</p> <p>7 production plants</p>	<p><b>41 500 employment</b></p> <p><b>3<sup>rd</sup> French Region for Logistics</b></p> <p>1<sup>st</sup> French Harbor platform (Boulogne, Calais, Dunkerque)</p> <p>500 000 m2 last generation warehouses</p>



> A science and technology park dedicated to innovative and sustainable forms of mobility

- Available programmes:
  - . Business incubators and centres
  - . Institute of Sustainable Transport
  - . International Institute of Management
  - . A Centre for Sustainable Transport and Mobility
  - . A CISIT building

> A resource centre offering expert services to promote business development



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# UVHC becomes UPHF in 2018

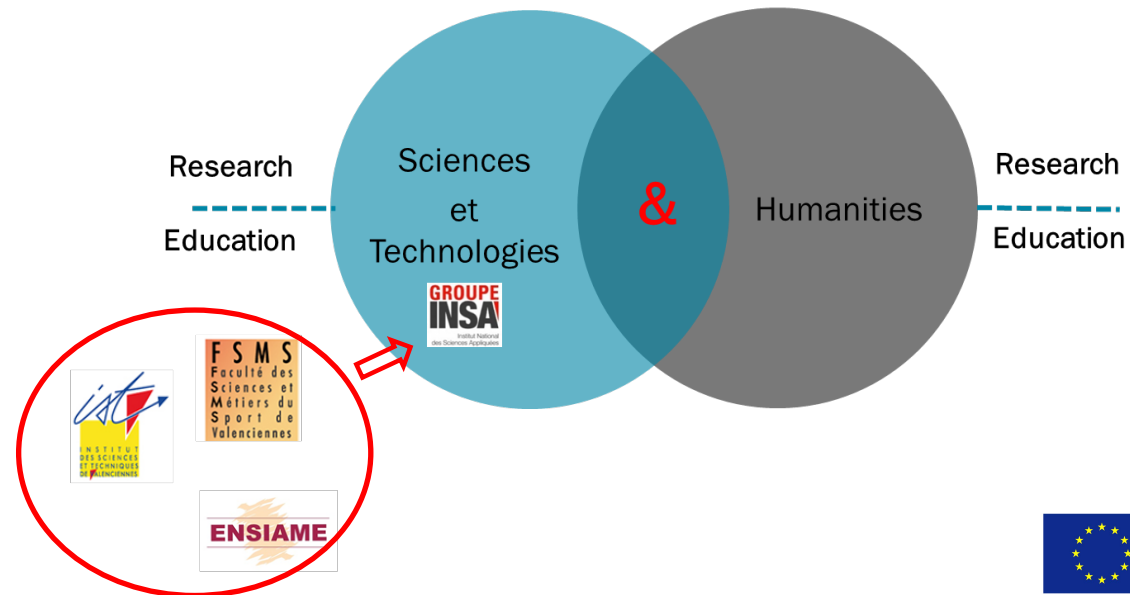


Université  
de Valenciennes  
et du Hainaut-Cambrésis



Université  
Polytechnique  
HAUTS-DE-FRANCE

## 2 inter-connected Clusters



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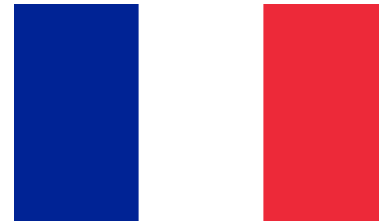
# UPHF Team



Name, Surname, email	Position in the university	Responsibility
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Denis Berdjag <a href="mailto:denis.berdjag@uphf.fr">denis.berdjag@uphf.fr</a>	Associate Professor	Teachers
David Duvivier <a href="mailto:david.duvivier@uphf.fr">david.duvivier@uphf.fr</a>	Professor	Teachers
Sondes Chaabane <a href="mailto:sondes.chaabane@uphf.fr">sondes.chaabane@uphf.fr</a>	Associate Professor	Teachers
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**Thank you for you  
attention!**



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