

# 3 GRADUATE PROGRAMMES OF EXCELLENCE IN LILLE

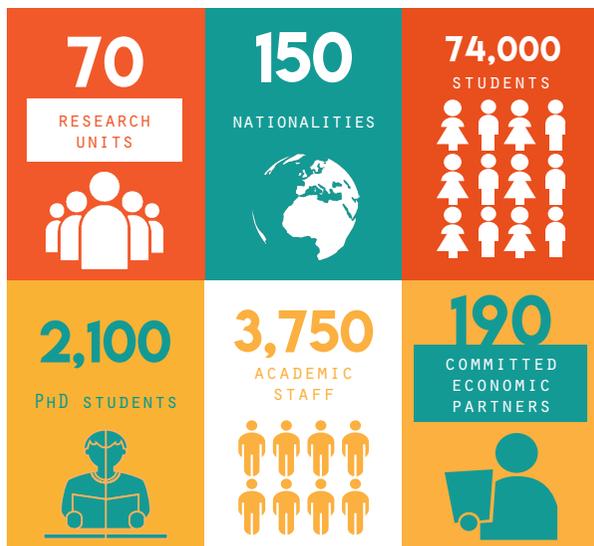
SCIENCE FOR A CHANGING PLANET (7 MA programmes)

INFORMATION & KNOWLEDGE SOCIETY (10 MA programmes)

PRECISION HEALTH (1 MA programme)

- **interdisciplinary training** for research by doing research in a **stimulating scientific environment**
- specialised training for cooperation with the **private sector**
- **international** mobility
- international thematic **summer schools**

## WITHIN THE 14 ESTABLISHMENTS OF THE LILLE CONSORTIUM



## CONTACT

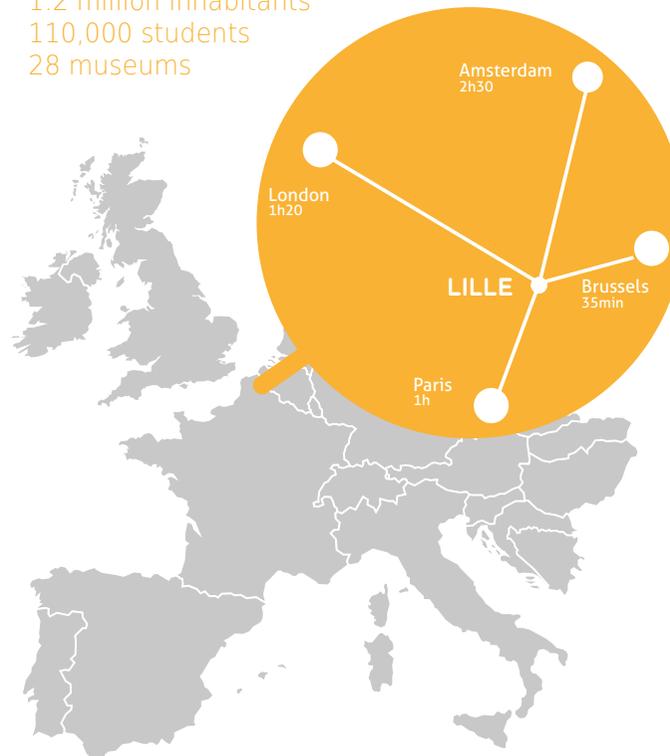
Coordinator of the Graduate Programme 'Information & Knowledge society':

✉ marc.lefranc@univ-lille.fr

More information:  
<http://www.isite-ulne.fr/index.php/en/graduate-programme-information-knowledge-society/>

## LILLE, A VIBRANT CITY AT THE HEART OF NORTHERN EUROPE

1.2 million inhabitants  
 110,000 students  
 28 museums



## GRADUATE PROGRAMME

## INFORMATION & KNOWLEDGE SOCIETY



10 SPECIALISED MASTER'S DEGREES IN LILLE, FRANCE

Augmented information  
 SUPERFLUIDITY  
 BIG DATA  
 DEEP TECH  
 Friendly system  
 Machine learning  
 SIMULATION  
 SOFTWARE  
 VIRTUAL REALITY  
 COGNITION  
 Social network  
 MODELING  
 Hardware  
 EMOTION  
 DATA  
 ICT  
 MIND  
 Internet  
 SCIENCES  
 DISRUPTIVE TECHNOLOGY  
 HYDRODYNAMICS  
 WEARABLE DEVICES  
 Internet of things  
 OPTICAL interaction  
 COMMUNICATION  
 nano structures  
 Net-zero energy  
 HUMAN-MACHINE INTERFACE  
 DIGITAL HUMANITIES  
 PRIVACY  
 Data mining  
 COMPLEXITY

TRAINING FOR RESEARCH BY DOING RESEARCH FOR MASTER'S & PhD STUDENTS



## OUR CHALLENGES:



**HUMANITIES** for a friendly digital world

taming complexity with innovative **CONCEPTUAL TOOLS**

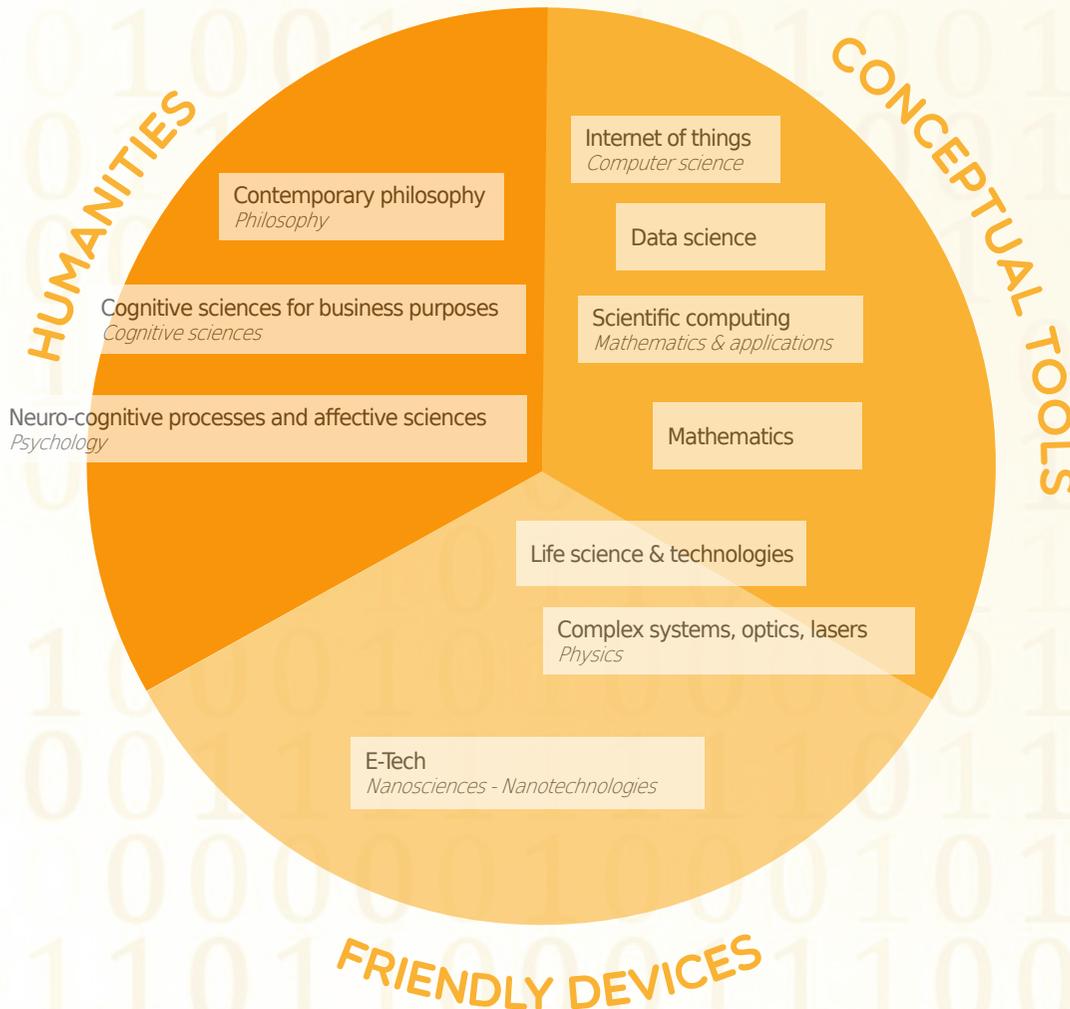
from disruptive concepts to **FRIENDLY DEVICES** (hard and soft)



## 10 MASTER'S DEGREES TO TAKE UP THESE CHALLENGES



A stimulating scientific environment within the 'human-friendly digital' hub:



**13 LABORATORIES**



**709 PHD STUDENTS**



**612 PERMANENT RESEARCHERS**



**INTERNATIONAL ENVIRONMENT**



**638 PUBLICATIONS PER YEAR**



**CUTTING-EDGE EQUIPMENT FOR:**  
Optical fibre manufacturing, nanotechnologies, computing, robotics and intelligent transport, cognitive technologies, virtual reality



**INDUSTRIAL PARTNERSHIPS:**  
Prysmian, Alcatel submarine networks, Nokia, Thalès, CEA, ST Microelectronics, Horiba, Total, Scalair, Vekia

