

## 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':

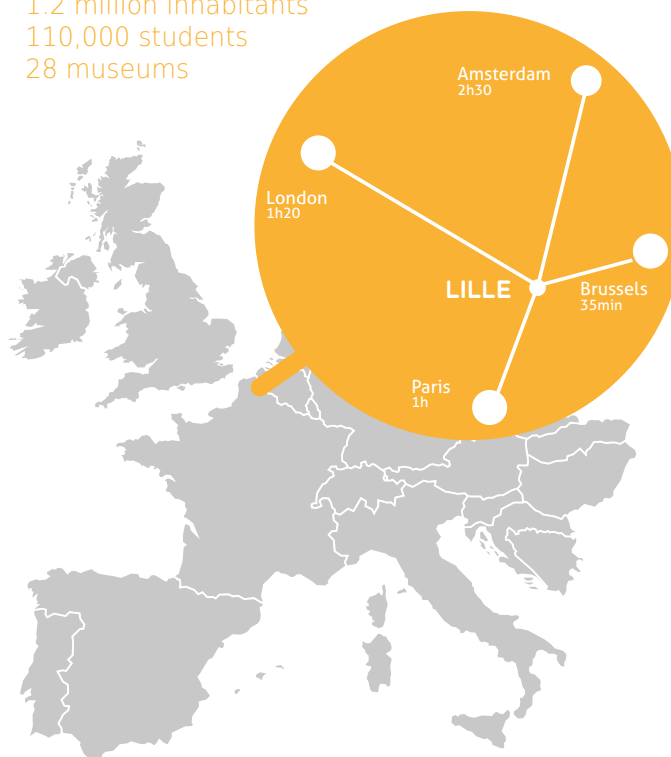
✉ marc.lefranc@univ-lille.fr

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

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



## OUR CHALLENGES:



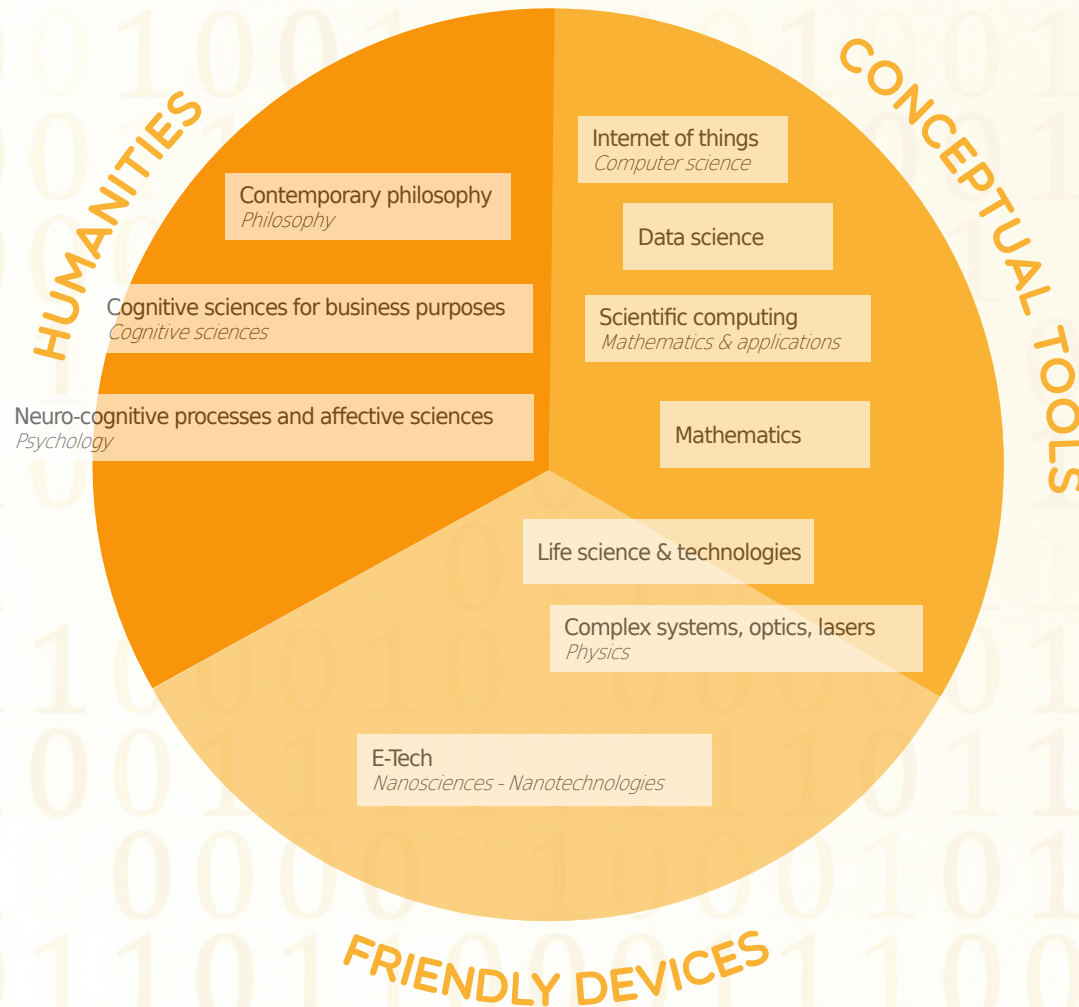
**HUMANITIES** for a friendly digital world

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

