

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':

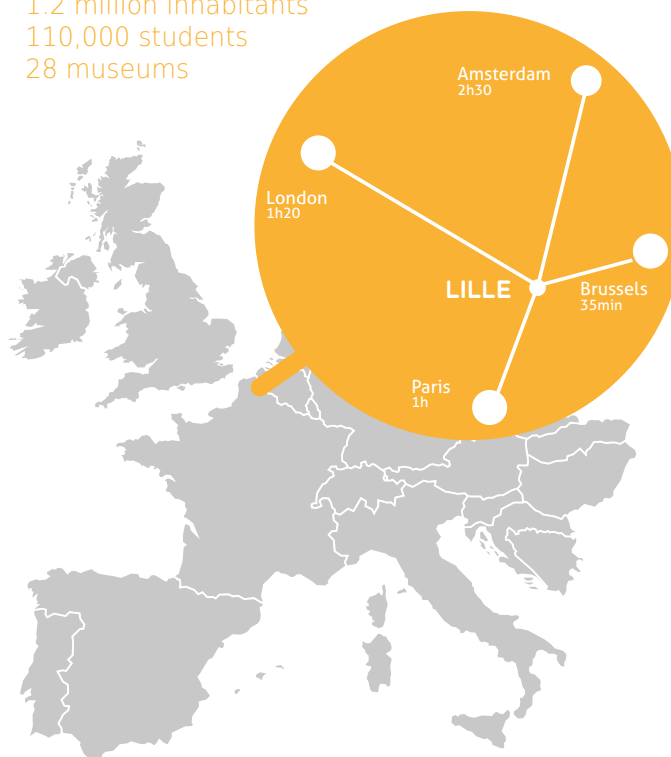
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More information:

<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
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:



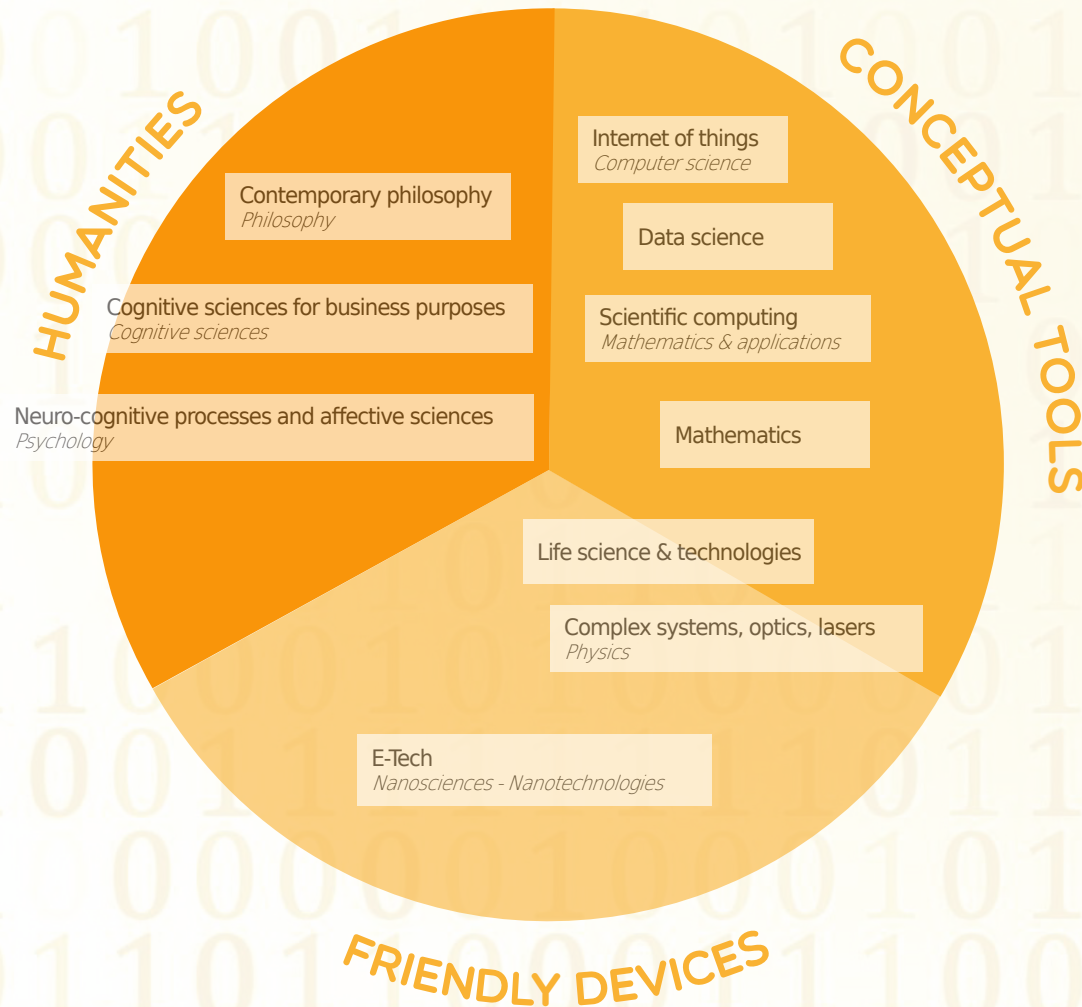
HUMANITIES for a friendly digital world

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

