**PEARL PhD BUDGET**

- **≈€1,600** net monthly salary of the PhD student (before income tax)
- **€500** lump sum managed by the PhD student to cover relocation to Lille, support for family and travel...
- + **€400** managed by the lab to cover research costs
- + **€200** managed by the I-SITE ULNE to cover training costs

**HIGH STANDARD OF LIVING**

**LILLE, A VIBRANT CITY**

At the heart of Europe

- **1.5 million** tourists per year
- **1.2 million** inhabitants
- **110,000** students
- **28 museums**

A metropolis in a dynamic region with natural sites such as the Côte d’Opale (Channel), a UNESCO World heritage center and cultural activities such as music festivals, world-class museums... and more to discover.

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**RECRUITMENT CALENDAR 2021**

1. **JANUARY 2021**  
   Thesis subjects available on PEARL website  
   www.pearl-phd-lille.eu

2. **MARCH 2021**  
   Deadline for applications

3. **JUNE 2021**  
   Official announcement of results

4. **SEPTEMBER 2021**  
   Starting date of the 3-year PhD contracts

**LAST CALL**

A total of 30 PEARL PhD students will be recruited in 2020 and 2021

*Eligibility: Early-stage researchers (ESR) who are in the first 4 years of their research careers, do not have a doctoral degree and have not resided or carried out their main activity in France for more than 12 months during the past 3 years prior to their recruitment.

**CONTACT & INFO**

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More information at www.pearl-phd-lille.eu  
Follow us on

**PEARL**

Programme for EARly-stage Researchers in Lille

FULLY FUNDED PhD SCHOLARSHIPS IN LILLE, FRANCE

BRINGING TOGETHER THE WORLD’S TOP RESEARCH TALENTS

Doctoral programme of excellence funded by the European Marie Skłodowska-Curie Actions

13 funded PhD scholarships 2021
INTERDISCIPLINARY RESEARCH TOPICS

- **PRECISION HUMAN HEALTH**
  Precision health; innovative statistical approaches; OMICS and big data processing; AI; methodological innovations; pathology modelling; emerging drug; system biology and integrated bio-informatic; stratification of cohorts; precision medical devices; ethical and social challenges; application in cancer; diabetes and cardiometabolic diseases; neurodegenerative/neurological diseases; inflammation and infectious diseases.

- **SCIENCE FOR A CHANGING PLANET**
  Aerosols; analytical electron microscopy; beam sensitive materials; biorefineries; ecology; electromobility; H2O; history; hybrid catalysis; law; machine learning; materials under extreme condition; multi-scale modelling; nanoparticles; philosophy; photo(electro)-catalysis and plasmonics; politics of chemistry; pyrolysis; radionuclides, relativistic effects; solar system formation; techno-(bio)economics.

- **HUMAN-FRIENDLY DIGITAL WORLD**
  AI (machine learning); Internet of Things; computational systems for cognition & interaction; cultural studies & mediation; deep tech & energy; impacts of IT on individuals, organizations & societies; intelligent bioinspired connectivity; security in digital networks.

RESEARCH EXCELLENCE IN LILLE

- **2,100** PhD STUDENTS
- **2,000** RESEARCHERS
- **70** RESEARCH UNITS
- **150** NATIONALITIES
- **17** RECIPIENTS OF AN ERC GRANT
- **11** LABORATORIES & FACILITIES OF EXCELLENCE (Labex & Equipex)
- **39th MOST INNOVATIVE UNIVERSITY IN EUROPE** (Reuters, 2008)
- **JOINT LABS WITH INTERNATIONAL** (KU Leuven, Eke, Doel, ULG, etc.) & **INDUSTRIAL** (EFG, Thales, etc.) **PARTNERS**

DOCTORAL TRAINING

- A specific and personalized training for PhD students and supervisors on key topics: management, intellectual property rights, communication, open access, etc.

**PROJECT PARTNERS**

COORDINATION

- **UNIVERSITE DE LILLE NORD-EUROPE**

HOST INSTITUTIONS

- **KU LEUVEN**
- **Universiteit Gent**
- **Université de Lille**
- **centralelille**

- **ens{ap} Lille**
- **Lille architecture & paysage**
- **ensai Lille**
- **Chimie & Lille**
- **ARTS ET METIERS Lille**
- **LIRMM**
- **Inria Lille**
- **Inserm**
- **CHU Lille**

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This project is also supported by the Conseil régional Hauts-de-France via its FRAPP programme.

- **DOCTORAL TRAINING**
  A specific and personalized training for PhD students and supervisors on key topics: management, intellectual property rights, communication, open access, etc.

- **Vivre mieux plus longtemps**
- **minimum 1-month short research placement in an international partner university (KU Leuven, Ghent University and University of Kent, etc.) or possibilities of dual-degree doctorate.**

- **minimum 1-month secondment with an industrial partner (Roquette, Vekia, Apteeus, Neo-eco, Cozyair, etc.)**