

HIGH STANDARD
OF LIVING

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

A PERSONALIZED WELCOME TO LILLE INCLUDING:

- Support for VISA and administrative procedures (bank, health care, etc.)
- Accommodation pre-booked for the first 6 months
- Courses in French as a foreign language

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.

RECRUITMENT CALENDAR 2020*

- 1 FEBRUARY 2020**
THESIS SUBJECTS AVAILABLE ON PEARL WEBSITE
WWW.PEARL-PHD-LILLE.EU
- 2 APRIL 2020**
DEADLINE FOR APPLICATIONS
- 3 JUNE 2020**
OFFICIAL ANNOUNCEMENT OF RESULTS
- 4 SEPTEMBER 2020**
STARTING DATE OF THE 3-YEAR PHD CONTRACTS

CALL TO BE RENEWED IN 2021

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 been awarded 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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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



APPLICATION
IN FEBRUARY
2020



FOR GREAT SCIENTIFIC OPPORTUNITIES

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; HDD; 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; safety & privacy; security in digital networks



AND / OR



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

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.

KU LEUVEN



University of Kent

RESEARCH EXCELLENCE IN LILLE



2,100

PHD STUDENTS



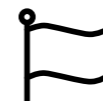
2,000

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, 2019)



JOINT LABS WITH INTERNATIONAL PARTNERS (KU Leuven, Kyoto, Quebec, VUA, etc.) & INDUSTRIAL (EDF, Thales, etc.)



PROJECT PARTNERS

COORDINATION



HOST INSTITUTIONS



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement N° 847568. It is additionally supported by the programme Investissements d'Avenir ANR-16-IDEX-0004 ULNE, a French government fund managed by the Agence Nationale de la Recherche.



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★ DOCTORAL TRAINING ★

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



Take advantage of a high-quality training alongside to the traditional PhD programme in Lille.