



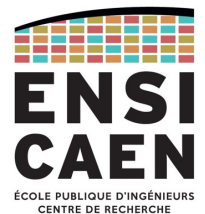
Normandie Université



Normande de Chimie

Ecole Doctorale Normande de Chimie

Réunion de rentrée du 20 Novembre 2023



PhD studies

- ❖ An initial professional experience
- ❖ France: Legal settings (2006, 2009, **2016, 2022**)
 - Doctoral schools
- ❖ Doctoral student 's mandate:
 - **Scientist project**
 - **Professionnal project**
- ❖ Thesis length: 36 monthes
- ❖ Thesis Supervisor
 - + co-supervisor ou un co-encadrant



DOCTORAL CHARTER

Le parcours du doctorant

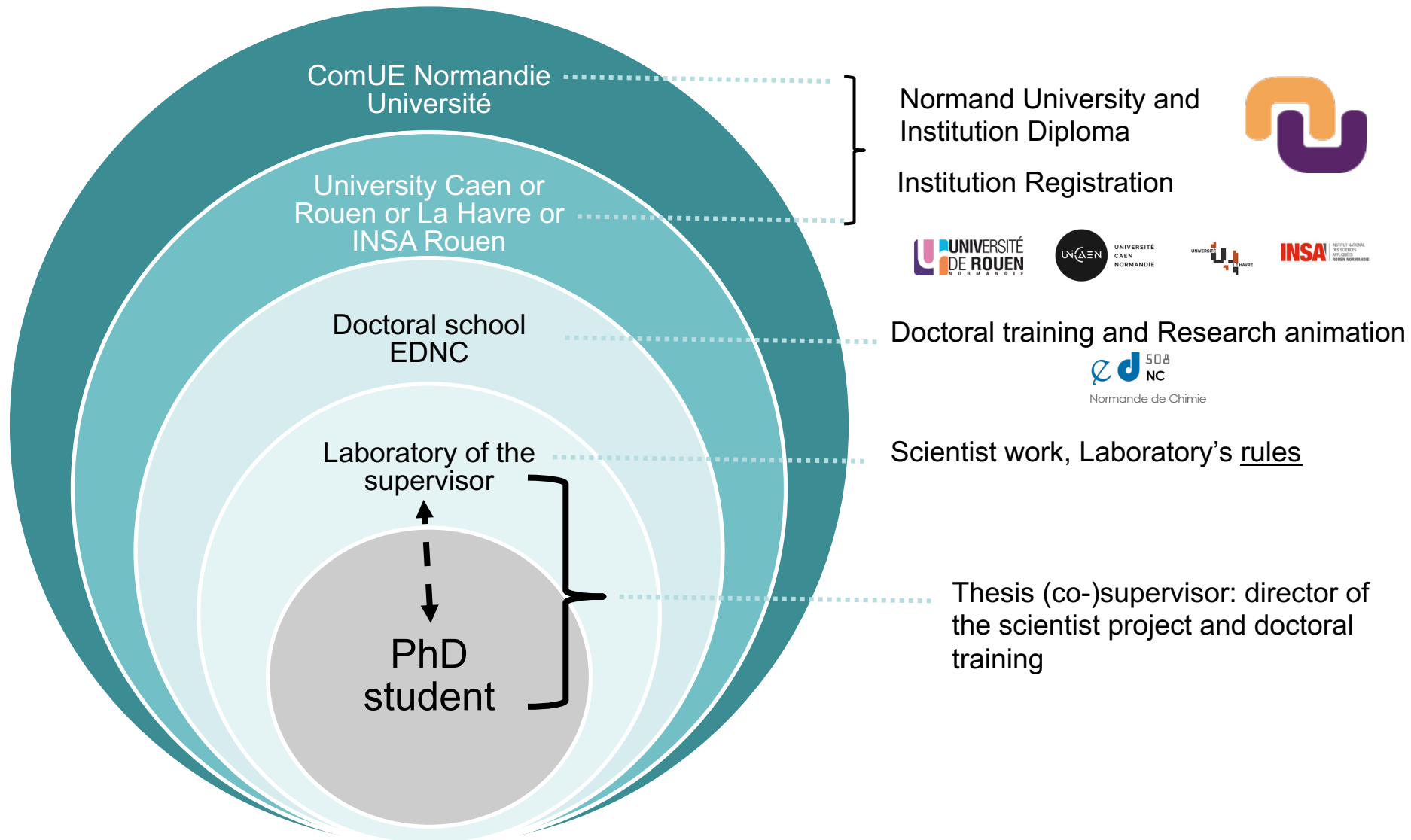
Scientist project
and financial support



Selection of the
candidate by the
project leader



Interview and
validation by the
doctoral school



Work Contracts

- Doctoral Contract

Work Contract signed with an public institution: University (Caen, Rouen, Le Havre, Normandie Université), INSA Rouen, ENSICAEN, CNRS.

Origin of Thesis Fundings: Institutions, INSA Rouen, Normandy Region, Labex Synorg/ Normandy Region, BRGM/Normandy Region, AgroPariTech/Normandy Region, LHSM/Normandy Region, ANR, Foundation ...

- CIFRE

Work Contract signed with an company, association or a community group.

- Co-tutelle thesis

Work Contract signed between a normand University and a foreign University.

Origin of Thesis Funding: Campus France, Foreign governments fund, EUR XL-CHEM

- Thesis granted by a foreign government: China Scholarship Concil (CSC),.....

...

Doctoral Contract

The legal Setting (25 may 2016)

- related to the PhD students having contract with Public institution
- Registration in Normand institutions: Universities of Caen – Rouen – Le Havre; INSA Rouen
- 3 years contract with a 2 monthes testing period
- Possibility of a 1 year break period



Some obligations should be imposed by the funder:

- annual reports (Deposit on SYGAL)
- meetings with the research partners
- **Normandy funding:**
 - > dissemination of scientific culture: fête de la science, FENO...

The doctorant has a work contract with a company or association.

- 3-year short-term contract
- supervised by two managers: the thesis supervisor at the laboratory and the scientific advisor in the company



Obligations should be imposed by the partner company:

- annual reports
- meetings with the partners
- trainings....

Co-tutelle thesis

Convention signed between a Normand institution and a foreign institution, that described the research terms.

- two doctoral diplomas from each institution
- supervised by two managers: the thesis supervisor at the normand laboratory and the thesis supervisor at the foreign laboratory



Obligations should be imposed by the convention:

- annual reports
- meetings with the partners....

Foreign government

- Scholarship from the China scholarship Concil
 - period: from 42 to 48 monthes

Supplementary missions

- **It require the autorisation of the supervisors**
- CIFRE: requires the company autorisation
- Whatever the type of mission, the annual working time that can be devoted to it is **around 32 days or 64h eq. tutorials.**

➤ **Teaching**

The teaching officers provide an annual service of **64 hours** of tutorials or practical work and are integrated into a teaching team within a UFR. These lessons take place in the undergraduate cycle, and exceptionally in the Master's cycle, and according to the needs of the teaching departments. => **Obligation to undergo training on teaching**

➤ **Business advice / expertise**

A company, a local authority, an administration or an association can call on a PhD student to carry out a short consultancy or expertise assignment, for a maximum of **32 days** per year.

The Doctoral School

- ❖ The doctoral schools (EDs) organize the **curriculum** of future Doctors and prepare them to the **professional insertion**.
- ❖ EDs bring a **pluridisciplinary culture** in the frame of a coherent scientist project.
- ❖ EDs contribute to the coherence and **international visibility** of the doctoral training of the institutions and the **research structuring** of the institutions

Laboratories of EDNC

Label et N°	Intitulé complet de l'unité de recherche	Directeur
UMR CNRS 6014 COBRA	Chimie Organique Biorganique Réactivité Analyse	Pierre-Yves RENARD
UMR CNRS 6270 PBS	Polymères Biopolymères Surfaces	Pascal COSETTE
EA 3233 SMS	Sciences et Méthodes Séparatives (équipe chromatographie)	Pascal CARDINAEL
EA 3221 URCOM	Unité de recherche en Chimie organique et Macromoléculaire	Sébastien COMESSE
UMR CNRS 6507 LCMT	Laboratoire Chimie Moléculaire et thioorganique	Thierry LEQUEUX
UAR CNRS 3408 – US 50 – CEA CYCERON	Cyceron (équipe RadioPETT)	Benoit HAELEWYN (Cécile PERRIO)
EA 4258 CERMN	Centre d'études et de recherche sur le médicament de Normandie	Christophe ROCHAIS
EA 4651 ABTE	Aliments, Bioprocédés, Toxicologie, Environnements (une partie de l'équipe EcoTEA)*	François SICHEL (Jérôme LEDAUPHIN)

EDNC

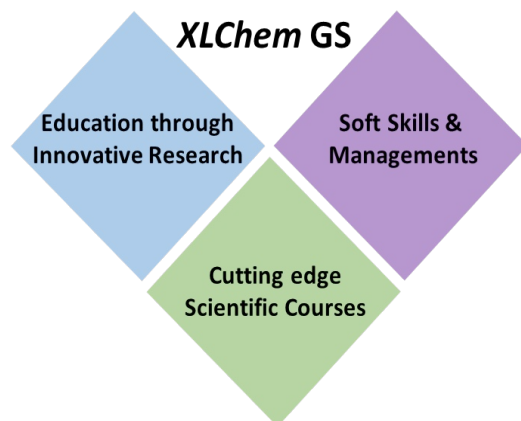


Normande de Chimie

International visibility



XL-Chem European Graduate School training and research centre for molecular chemistry.



*A Springboard
For the Futur Leaders as*

XL-Chem thesis with international academic partner or industrial partner:
-> 18 months in foreign University



EDNC



Normande de Chimie

International visibility

XL-CHEM

École Universitaire de Recherche



2020: 6 PhD students

2022: 5 PhD students

2021: 6 PhD students

2023: 4 PhD students

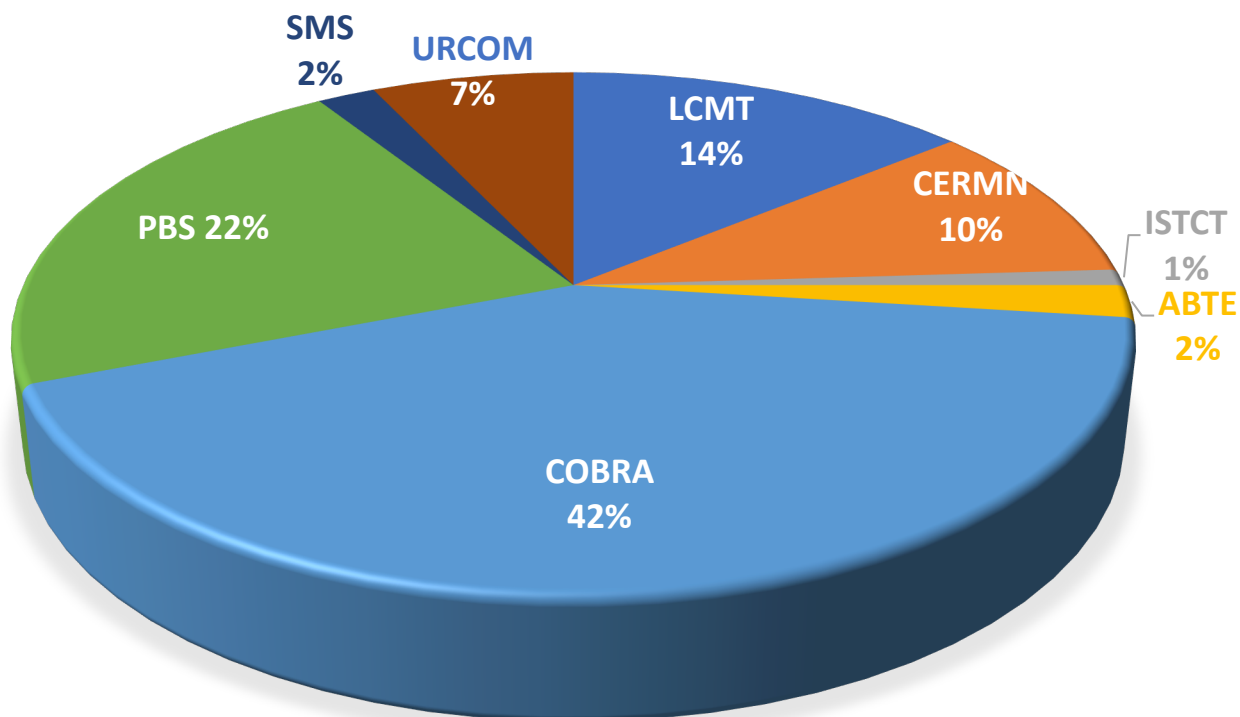
XL-Chem

Porteur	Laboratoire	Collaborateur financeur	Doctorant NOM - Prénom	Dernier diplôme obtenu
<u>GPI2</u> - S. Balieu	COBRA	S. Guo (Univ. Floride, ,USA)	BEAUVAIS Brice	M2R XL-CHEM
<u>RADSF5</u> - J.-P. Bouillon	COBRA	Pr. J.-F. Paquin (Univ. Laval, <u>Québec</u> , Canada)	OULLET du BERGER Marie Rose	M2R <u>Univ. Laval</u> , <u>Québec</u>
<u>PhotoSulfo</u> - T. Besset	COBRA	Prof. H. Lebel (Univ. Montréal, Canada)	POSEY Jordan	ENSC Mulhouse
<u>Pseudopeptides</u> - P.-Y. Renard	COBRA	Prof. A-M Papini (Univ. Florence, Italie)	BRENZINI BIAGIONI Francesco	M2R Chimie

EDNC 2022

❖ 160 researchers with 110 research supervisors (HDR – Habilitation à diriger les recherches)

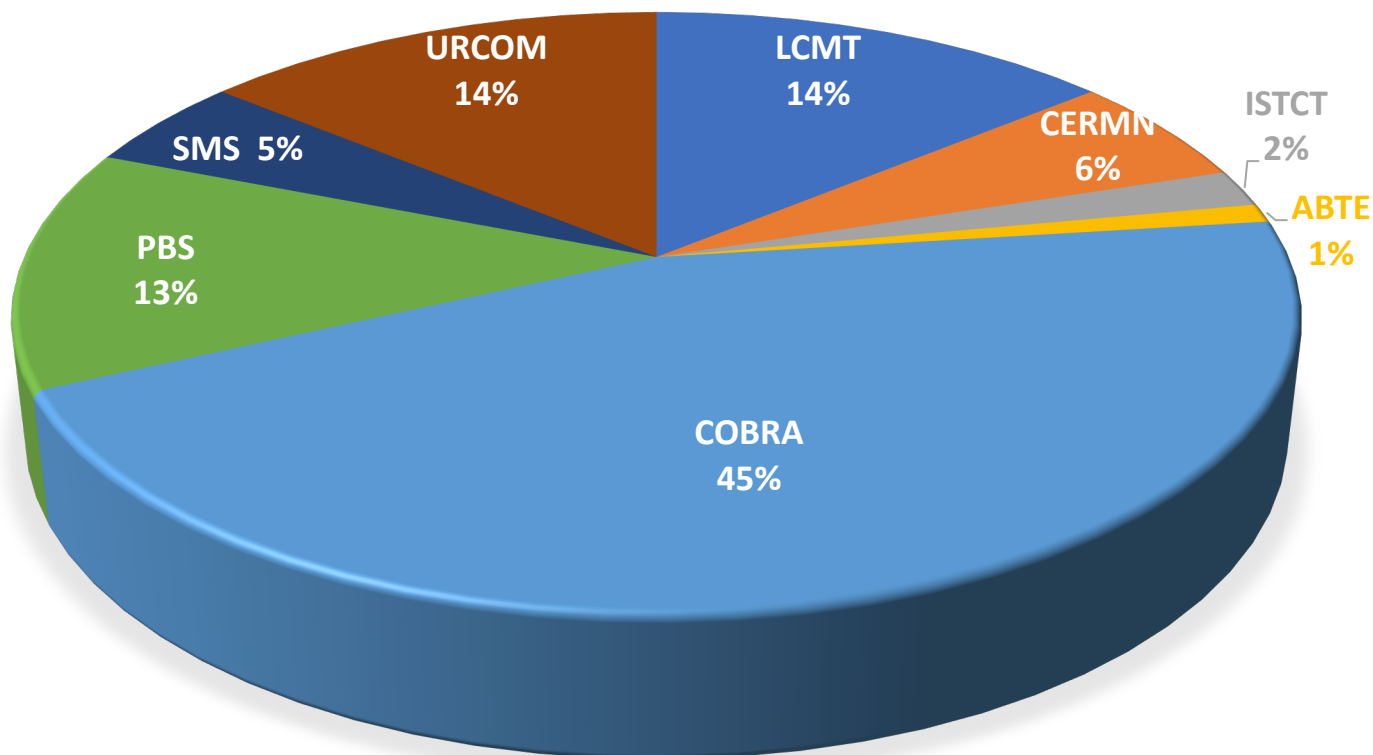
RESEARCH SUPERVISORS (HDR) - 2023



Theses of the EDNC

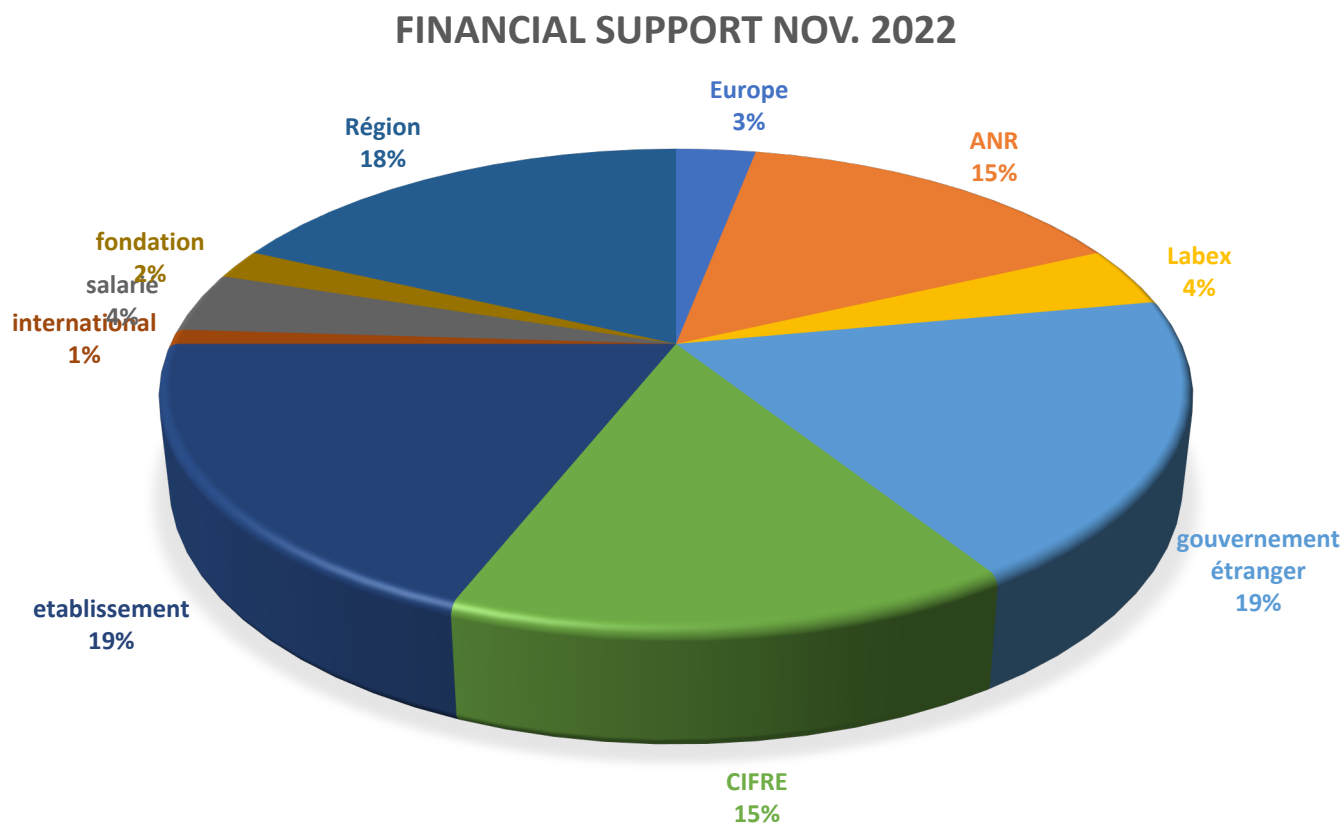
161 DOCTORANTS – Novembre 2023

THÈSES EN COURS NOV. 2023



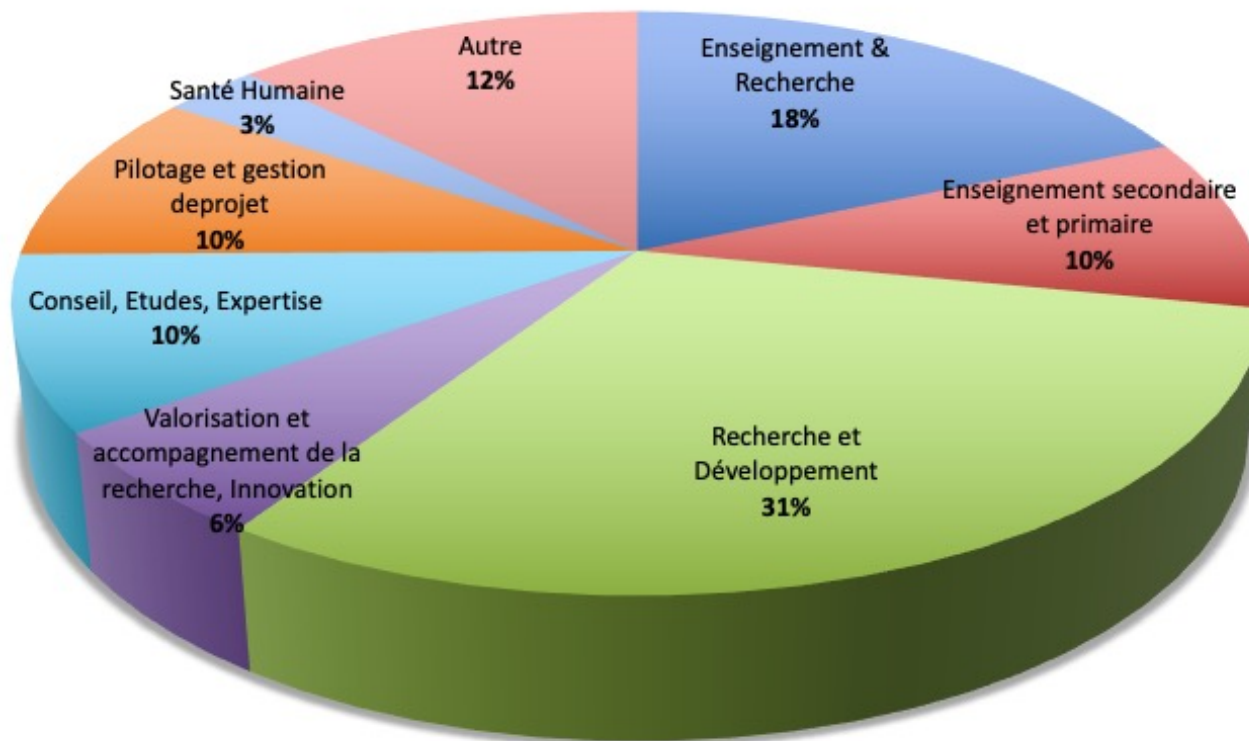
Theses of the EDNC

❖ Financial supports for thesis – Nov. 2022



After Thesis

**Activité - 3 ans après doctorat
- promotion 2014**



=> New Survey on 2024

<http://ed508-nc.normandie-univ.fr/>



PRÉSENTATION



UNITÉS DE RECHERCHE



ITINÉRAIRE DU DOCTORANT



OFFRE DE THÈSE



FORMATION



SOUTENANCES



INSERTION PROFESSIONNELLE



MANIFESTATIONS



<http://ed508-nc.normandie-univ.fr/>

PhD Student Satisfaction Survey 2023



ENQUÊTES DE SATISFACTION

Accueil ► ENQUÊTES DE SATISFACTION

Le doctorat en France - 2021

Une enquête du réseau national des collèges doctoraux (RNCD), a été faite dans les écoles doctorales françaises, auprès des doctorantes et des doctorants inscrits en doctorat en **2021** et de leurs encadrantes et encadrants.

[Résultats de l'enquête](#)

EDNC - Enquête de Satisfaction des doctorants 2023

Une enquête de satisfaction a été faite auprès des doctorantes et des doctorants de l'EDNC inscrits en doctorat en **2023**.

[Résultats de l'enquête](#)

Informations



[Guide d'utilisation de SyGAL](#)

[Le doctorat](#)

[Les Écoles Doctorales](#)

[Guide de la thèse](#)

[Actualités](#)

[Offres de thèses](#)

[Soutenances à venir](#)



ESUP-SyGAL est une application permettant la gestion dématérialisée de l'ensemble des étapes du parcours doctoral en Normandie. Il offre également aux différents acteurs du parcours doctoral (établissements, écoles doctorales) une visibilité sur les thèses en cours ou passées.

Ma thèse

Synthèse de polymères fonctionnelles à partir de déchets pneumatiques

[➔ Détails...](#)

Avec ESUP-SyGAL, vous allez pouvoir :

- Déposer vos rapports ;
- Remplir le dossier de demande de soutenance de thèse en accord avec votre directeur(trice) de thèse. Attention, la réception puis validation par l'établissement doit s'effectuer **deux mois avant la soutenance**. Les règles de composition du jury sont rappelées dans la page d'accueil «Guide de la thèse» ;
- Déposer le fichier de votre thèse de manière sécurisée **un mois avant la soutenance** ;
- Suivre les différentes étapes de la demande de soutenance et du processus de dépôt de votre manuscrit grâce à vos « feuilles de route ».

Le dépôt du manuscrit de thèse et la réception des rapports favorables conditionnent l'autorisation de soutenance par votre chef d'établissement.



❖ Management team

- Isabelle DEZ – Directrice – CAEN
- Thomas LECOURT – Directeur Adj. – ROUEN
- Pascal CARDINAEL – Directeur Adj. – ROUEN
- Vincent DALLA – Directeur Adj. – LE HAVRE

❖ Executive team

- Management team
- PhD student representatives
 - ✓ 2 elected representatives of CAEN PhD students
 - ✓ 2 elected representatives of ROUEN PhD students
 - ✓ 1 elected representatives of LE HAVRE PhD students

❖ Doctoral School Council:

- Management team
- Members of the laboratories,
- PhD students,
- Members from Industry

Representative PhD students

❖ 5 Representative PhD students

-> they belong to the EDNC Concil

-> they built the specific trainings (visit of Companies, survey of doctoral students...)

-> they organized the Daylong symposium of the doctoral school

2023

- Yougourthen BOUMEKLA - yougourthen.boumekla@ensicaen.fr (LCMT, CAEN, D2)
- Thomas GUISELIN - thomas.guiselin@unicaen.fr (CERMN, CAEN, D2)
- Etienne AYINDA - etienne-armand.ayinda-ayi2@univ-rouen.fr (COBRA, ROUEN, D1)
- Souraya ALAMEDDINE - souraya.alameddine@insa-rouen.fr (PBS, ROUEN, D1)
- Axelle GENTY- axelle.genty@univ-lehavre.fr (URCOM, LE HAVRE, D2)

Maison Des Doctorants

- ❖ Maison des doctorants pour l'EDNC
 - Rouen – Campus de Mont Saint-Aignan
 - Caen – Campus 2
 - Le Havre - Campus

- ❖ Mailing (ednc@normandie-univ.fr)

Rouen	Lynda LETETU Lynda.letetu@univ-rouen.fr	02.35.52.29.19	Université de Rouen Normandie UFR Sciences et techniques Bât. MONOD - Bureau n°22 (1 ^{er} étage) Bd Maurice de BROGLIE 76821 Mont Saint Aignan Cedex
Caen	Tiffany BOUE Tiffany.boue@unicaen.fr	02.31.56.61.86	Université de Caen Normandie Pôle formation Doctorale– Campus 1 14000 CAEN Permanence au Campus 2 – Bât Science 3
Le Havre	Alexane KHARMICH	02 32 74 40 42	Université du Havre DiRVED 25 rue Philippe Lebon – B.P. 1123 - 76063 LE HAVRE cedex

Individual PhD monitoring committee (CSI)

Legal setting 2022

The CSI is in charge of:

- assessing the training conditions of the PhD students, detect malfunctions and alert;
- discussing the means implemented to develop their skills and to build their professional project.

❖ The **Referent-Member** (Dr, Pr), external to the doctorant host team, ***chosen by the doctorant***.

❖ The **Specialist-Member** (Dr-HDR, Pr), external to the doctorant host team, external to the laboratory and the institution, ***chosen by the supervisor***.

➡ **The PhD student will organize the CSI meeting each year (May-June)**

- *A report (including scientist report, CV, trainings, schedule of the thesis, communications, publications...)*
- *An oral presentation followed by discussions/questions - The committee is particularly vigilant in identifying any form of conflict, discrimination...*
- *A discussion of the PhD Student with the CSI members without the supervisor(s)*
- *A discussion of the supervisor(s) with the CSI members without PhD Student*

➡ **The CSI authorizes the PhD registration in the year n+1**

Mediation

In the event of an issue with PhD thesis conditions:

- ⇒ **Alert** from the PhD student, the supervisor(s), the CSI, a representative PhD students.....,
- ⇒ The doctoral school will organize a meeting between the PhD student, the thesis director(s) or co-supervisor(s), and all the people which seems necessary, **in order to find solutions allowing to solve the problems.**

Animation of EDNC

- ❖ The Welcome meeting
- ❖ The annual Daylong symposium of the doctoral school organized by the PhD students for the PhD students – each year
- ❖ Specific program of EDNC
 - *Laboratory Seminars - Conferences*
 - *Visits of companies*

PhD Student 2022-2025

Date	Milestone
December 2023	EDNC Welcome Meeting
<i>January-April 2024</i>	Choice of Referent Member and Scientist Member: CSI
May-June 2024	Meeting with the CSI + 1st year report (SYGAL)
	=> authorization to register for the 2 nd year of the thesis
<i>July 2024</i>	Daylong symposium of the doctoral school 2024
May-June 2025	Meeting with the CSI + 2nd year report (SYGAL)
	=> authorization to register for the 3 rd year of the thesis
<i>July 2025</i>	Daylong symposium of the doctoral school 2025
May-June 2026	Meeting with the CSI + 3rd year report (SYGAL)
<i>July 2026</i>	Daylong symposium of the doctoral school 2025
September- December 2026	PhD defense

PhD Student Journey

- ❖ To help the PhD student to communicate in a congress
 - => Financial support of EDNC :
 - **450€ for a thesis with no financial support** (doctoral contract, specific cotutelles...)
 - **150€ for a thesis with financial support** (ANR, XL-chem, Cifre, ...).

Registration on: <http://ed508-nc.normandie-univ.fr/>

- ❖ Financial support for a training related to the PhD project or professional project

⇒ Formula request on: <http://ed508-nc.normandie-univ.fr/>

Doctoral training program

⇒ **Transversal/professional training**

⇒ **Scientist ethic training : Obligatory during the first year of the PhD**



⇒ **Specific training: Chemistry**

<http://ed508-nc.normandie-univ.fr/>


RÉPUBLIQUE
FRANÇAISE
*Liberté
Égalité
Fraternité*


Normandie Université



 **OFFRE DE FORMATION
DOCTORALE**
ÉDITION 2022-2023

Transversal/professional training

⇒ **53 formations**, soit un volume global de près de 1 000 h.

Elles sont répertoriées en **huits modules** de compétences complémentaires :

- Communication et savoir-être ;
- Méthodologie et outils de la thèse ;
- Protéger, valoriser et diffuser les résultats et produits de la recherche ;
- Accompagnement du devenir professionnel ;
- Diffusion de la culture scientifique, technique et industrielle ;
- Recherche et enseignement supérieur ;
- Entrepreneuriat ;
- Développement Durable et Responsabilité Sociétale.

⇒ Contact pour UCN : **Sandrine MAVIEL**

⇒ Contact pour URN, ULHN, INSA Rouen: **Emmanuel AVRIL**

The infographic is a green-bordered box with a light green background. It contains the following information:

- Locations:** 1 groupe Site de Caen, 1 groupe Site de Rouen Mont-Saint-Aignan, 1 groupe Site du Havre.
- Duration:** 12h (indicated by a clock icon).
- Target Audience:** Doctorants de 1^{re} année (indicated by an icon of three people).
- Capacity:** CAPACITÉ D'ACCUEIL: ouverture d'un groupe à 10 inscrits, 30 personnes maximum par groupe.

Scientist Ethic training

1/ MOOC Bordeaux University :

language : FR and EN

training's length : 16 hours



2/ Normandie Université :

Langue : FR

Durée : 6H



Intégrité scientifique dans les métiers de la recherche

Ref. 28007

Durée : 4 semaines Effort : 16 heures Rythme : -4 heures/semaine

Le MOOC « Intégrité scientifique dans les métiers de la recherche » est une formation gratuite et ouverte à toute personne qui s'interroge sur ce qu'est une recherche intègre et responsable.

université
de BORDEAUX



Inscription

Du 23 août 2021 au 17 août 2022

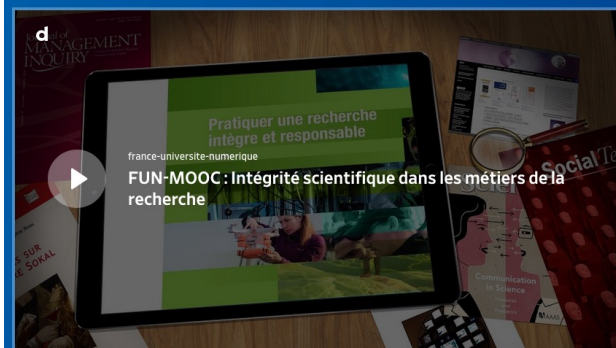
Cours

Du 1 septembre 2021 au 1 septembre 2022

Langues

Français

Connectez-vous pour vous inscrire



3/ Formation proposée EDNC:

Dr. D. CAHART (COBRA, Rouen)

Langue : FR

Durée : 2H



Normande de Chimie

2 groupes Site de Caen
1 groupe Site de Rouen
Mont-Saint-Aignan
1 groupe Site de Rouen
Madrillet
1 groupe Site du Havre

6h /groupe

Doctorants de 1^{re} année

CAPACITÉ D'ACCUEIL
ouverture d'un groupe à 10 inscrits
30 personnes maximum par groupe.

Specific training

2022/2023:

- Flux Chemistry (Dr. J. LEGROS, COBRA) – including practicals
- Enzymatic Chemistry (Pr. A. ZAPARUCHA, Université d'Évry) - zoom

2023/2024:

- Chemical risk safety rule – HSS (Dr. T. BESSET, COBRA) - zoom
- Flux Chemistry (Dr. J. LEGROS, COBRA)
- Enzymatic Chemistry (Pr. A. ZAPARUCHA, Université d'Évry)

Websites

❖ EDNC website: <http://ed508-nc.normandie-univ.fr/>

Congress registration, PhD advertisings, congress advertisings...

❖ SYGAL (SYstème de Gestion et d'Accompagnement doctoraL):

<https://sygal.normandie-univ.fr/>

Norman and national doctoral investigations, Defence process...

❖ Institution Websites

Registration in thesis, the doctoral training program...

- UNICAEN: <http://recherche.unicaen.fr/etudes-doctorales/formations-doctorales/>
- UNIROUEN: <http://recherche.univ-rouen.fr/formation-doctorale-335983.kjsp>

Criteria for Defence

Criteria for Defence

- 100H de **crédits de formation**
- Ethic scientist training
- 1 oral communication
- 1 publication is highly required

=> Modulation according the PhD student situation (multi-sites, industrial, joint supervision thesis, co-tutelle....) : **requires EDNC agreement**

CRÉDITS DE FORMATION:

- transversal and specific training
- credits are allocated for specific actions of the PhD student: popularization of science, teaching, communication (my thesis in 180 '), participation in advice, publication ... (**see EDNC website**)

<http://ed508-nc.normandie-univ.fr/>

PhD Defence

Doctoral oath of scientific integrity

Legal setting 2022

From January 2023: the doctoral oath of scientific integrity.

- during the defence, once the candidate has been declared admitted.
- The defense report will specify whether the Doctor took the oath or not.

The oath is as follow:

« In the presence of my peers. With the completion of my doctorate in [research field], in my quest for knowledge, I have carried out demanding research, demonstrated intellectual rigour, ethical reflection, and respect for the principles of research integrity. As I pursue my professional career, whatever my chosen field, I pledge, to the greatest of my ability, to continue to maintain integrity in my relationship to knowledge, in my methods and in my results. »

⇒ <http://ed508-nc.normandie-univ.fr/>



Doctoral graduation ceremony

