

# Rentrée doctorale

Lille Grand Palais ↓

16 Décembre 2025 • 14h - 18h



## *Schedule for the second part of the meeting*

- The SMRE Graduate School
- The Graduate Programmes
- The ULille PhD Student's Association
- 'Open Science' training by the ULille Documentation Center



**Graduate School - 104**

Sciences of Matter, Radiation  
and Environment

EDSMRE

**Frédéric Parol, Director**

**Véronique Riffault, Deputy-Director**

**Christophe van Brussel, Coordinator**

**Betty Figula, Administrator, Secretary**

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[sec-edsmre@univ-lille.fr](mailto:sec-edsmre@univ-lille.fr)

<https://edsmre.univ-lille.fr>

 [https://X.com/ED\\_SMRE](https://X.com/ED_SMRE) (currently not active)

 <https://www.linkedin.com/school/15138321/>

**Kick-off meeting  
2025-2026**

Rooms 13 & 17, Building P5

Lille University – Faculty of Sciences and Technology

Cité Scientifique

59655 Villeneuve d'Ascq Cedex

Tel: +33 3 20 43 40 62

Lille Grand Palais | Le 16 décembre 2025



# Organisation of doctoral training in the Lille region

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- 7 « Thematic » Graduate Schools (Ecoles Graduées in french) :
  - EG 73 SESAM : Sciences Economiques, Sociales, de l'Aménagement et du Management (Economic, Social, Planning and Management Sciences)
  - EG 74 SJPG : Sciences Juridiques, Politiques et de Gestion (Legal, Political and Management Sciences)
  - EG 473 SHS : Sciences de l'Homme et de la Société (Human and Social Sciences)
  - EG 631 MADIS : Mathématiques, Sciences du numérique et de leurs interactions (Mathematical and Digital Sciences)
  - EG 632 ENGSYS : Ingénierie et Systèmes (Engineering and Systems)
  - **EG 104 SMRE : Sciences de la Matière, du Rayonnement et de l'Environnement (Sciences of Matter, Radiation and Environment)**
  - EG 446 B&S : Biologie et Santé (Biology and Health)
- The « **Collège Doctoral Lille – Nord de France** » **mutualizes** professional trainings and **coordinates** between the 7 GS (<https://doctorat.univ-lille.fr/college-doctoral/>)

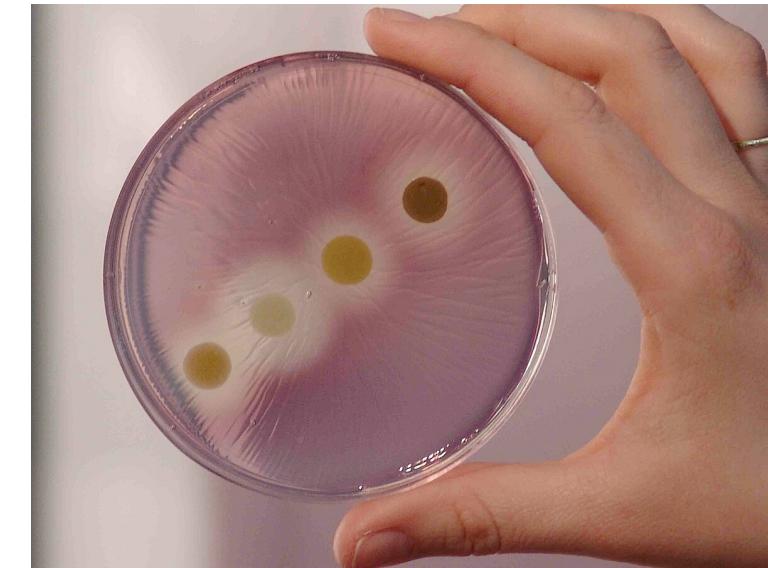
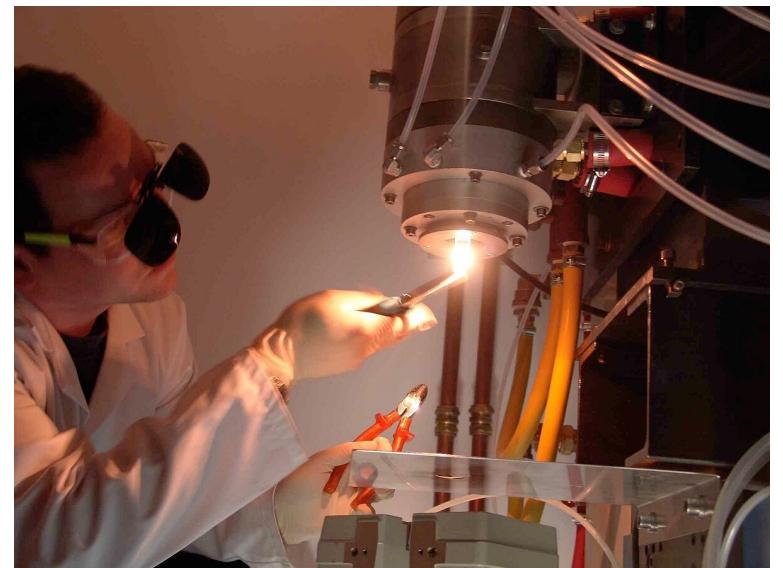


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# What is the scientific scope of the SMRE GS?

## ➤ A multidisciplinary school

- Chemistry
- Physics
- Earth and universe sciences, space
- Biology, medicine, health
- Agricultural and ecological sciences
- Engineering sciences



## ➤ 13 internationally recognized research labs (associated to CNRS, INRAe, ...)

- UCCS, MSAP\*, LASIRE, PC2A
- PhLAM, LOA, CERI EE
- EEP, LOG
- UMET, LGCgE, CERI MP
- BioEcoAgro, UGSF\*

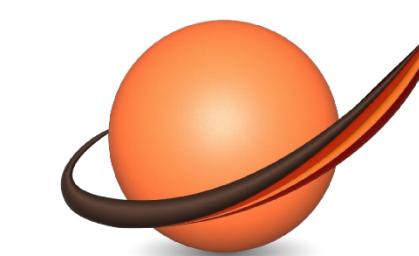
## ➤ 3 Research Institutes

- *IRePSE*
- Chevreul
- Physics

## ➤ 2 Cross-Disciplinary Projects (CDP)

- AREA
- C<sup>2</sup>EMPI

## ➤ 2 Graduate Programmes: Science for a Changing Planet and Information & Knowledge Society



# Doctoral thesis specialities offered by SMRE

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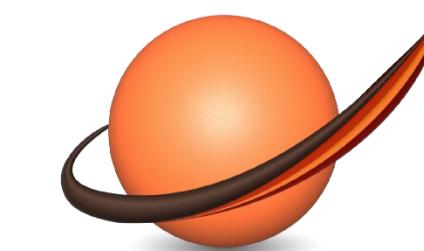
## ➤ Scientific domains of MESR (French Ministry of Higher Education and Research)

- Chemistry
- Physics
- Earth and universe sciences, space
- Biology, medicine, health
- Agricultural and ecological sciences
- Engineering sciences

*The degree specialities are linked to the scientific domains of the MESR, and are close to the titles of the CNRS and CNU sections*

## ➤ 13 doctoral thesis specialities

- Milieux dilués et optique fondamentale
- Milieux denses, matériaux et composants
- Sciences de la Terre et de l'univers
- Terre, enveloppes fluides
- Chimie théorique, physique, analytique
- Chimie organique, minérale, industrielle
- Chimie des matériaux
- Aspects moléculaires et cellulaires de la biologie
- Energétique, thermique, combustion
- Mécanique des solides, des matériaux, des structures et des surfaces
- Biotechnologies agroalimentaires, sciences de l'aliment, physiologie
- Sciences Agronomiques
- Biologie de l'environnement, des organismes, des populations, écologie



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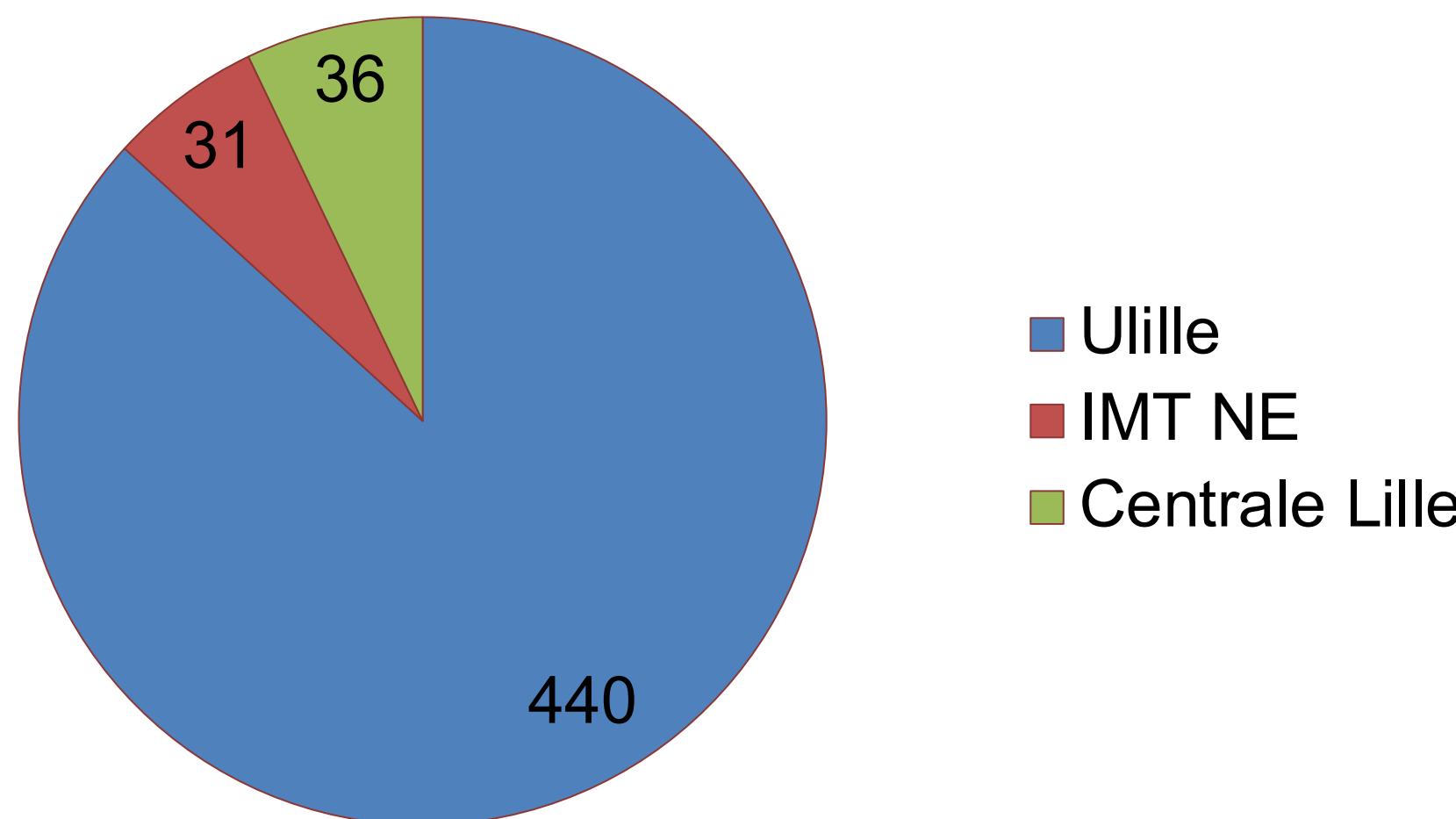
# The SMRE GS in numbers

3 co-accredited institutions: Univ Lille, Centrale Lille Institut, IMT Nord Europe

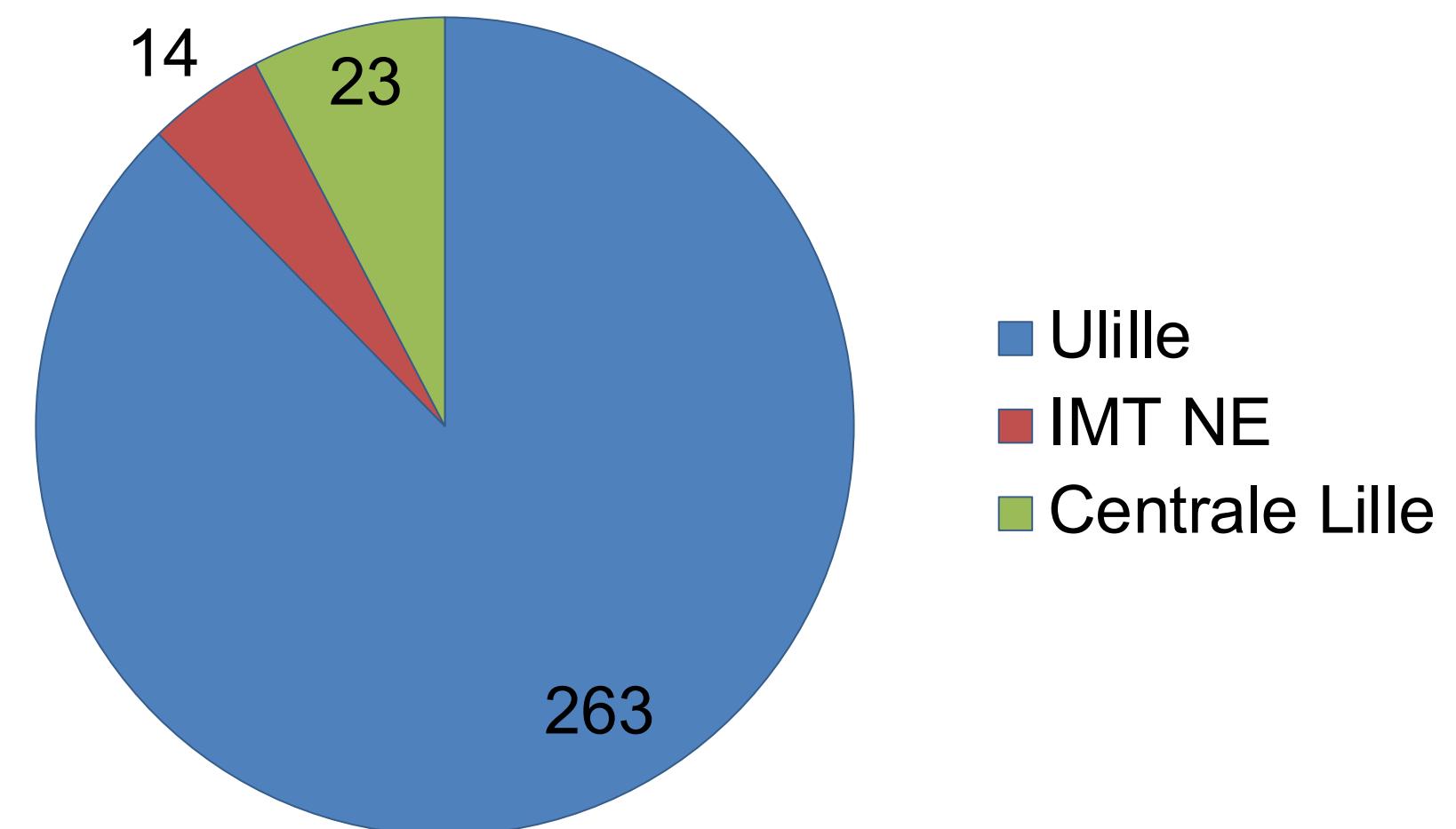
=> they award the degree of doctor

In 2025: about 500 researchers including 300 with HDR (Habilitation to Supervise Research)

Researchers per institution



HDR per institution





# Place of the SMRE GS in the Lille Doctoral landscape (2025)

| Number of registrations/establishment<br>as of 12/06/2025 |            |
|---|------------|
| U Lille   | 250        |
| Centrale Lille  | 51         |
| IMT NE  | 25         |
| <b>Total</b>  | <b>326</b> |

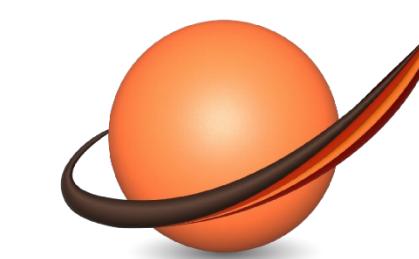
| Defences in 2025 |           |
|------------------|-----------|
| U Lille          | 74        |
| Centrale Lille   | 12        |
| IMT NE           | 5         |
| <b>Total</b>     | <b>91</b> |

## ➤ PhD students in 2025

- Total number: 326
- 15% of total registrations
- Ratio F/M: 49%/51%
- International PhD students: 56%

## ➤ Defences

- about 100/year
- 25% of the total defences



# The SMRE GS in numbers (continued)

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International PhD students: 56%  
(58% in 2019, 50% in 2013)

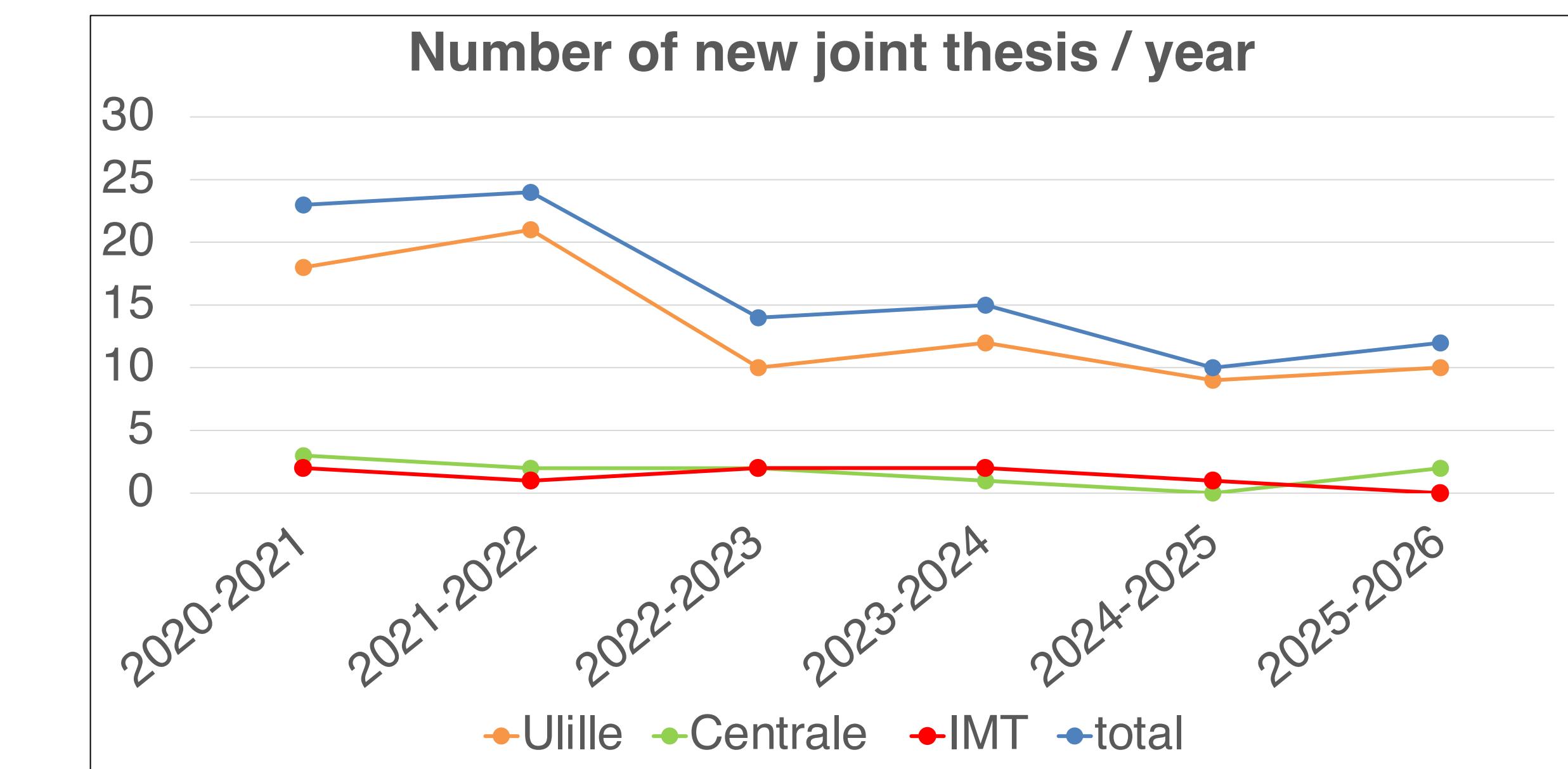
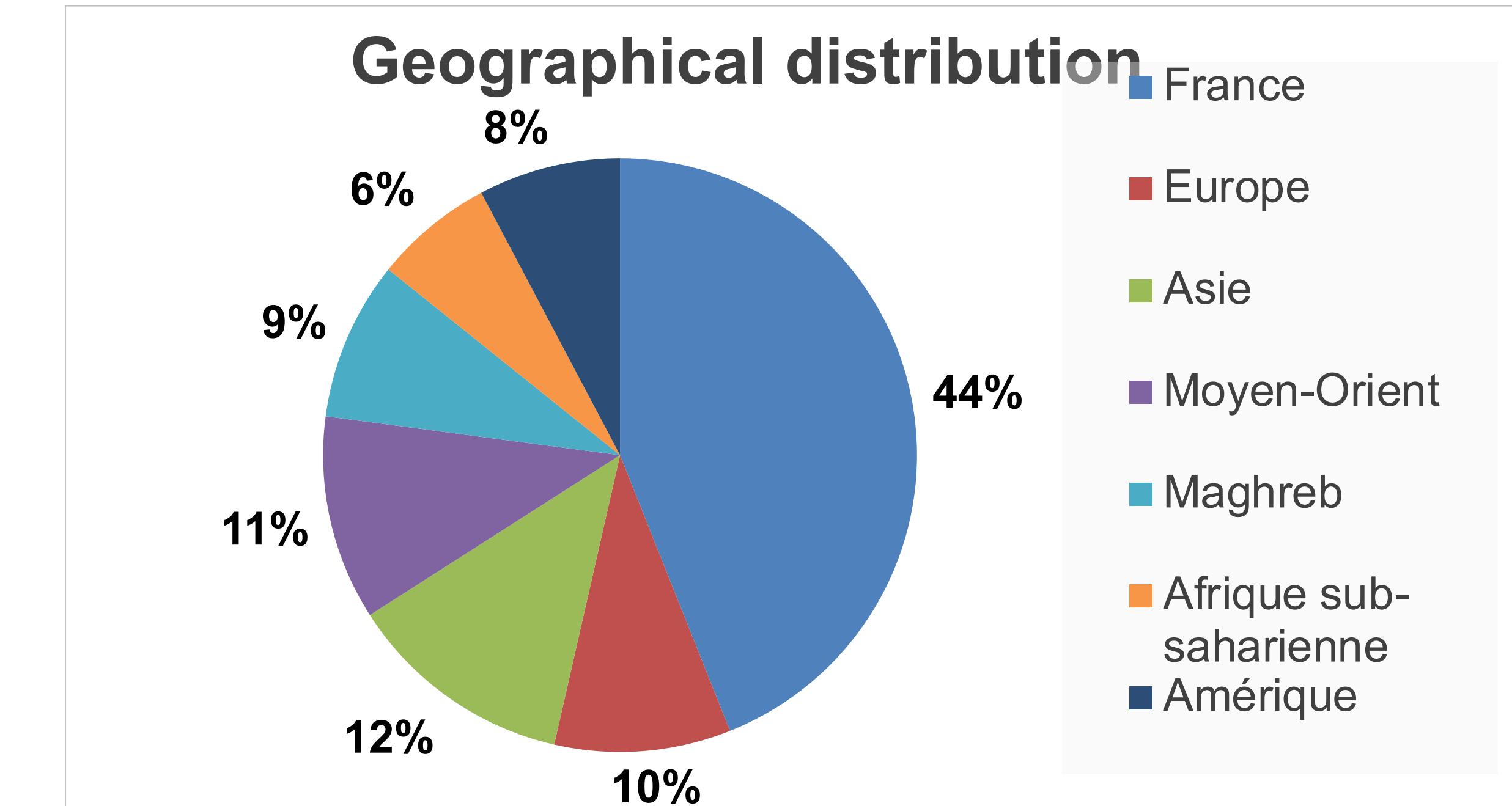
**Funding/types of contract for 1<sup>st</sup> year  
PhD students**

Public law PhD contract: 70

CIFRE (contract with a company): 6  
(26 out of SMRE PhD students in 2025)

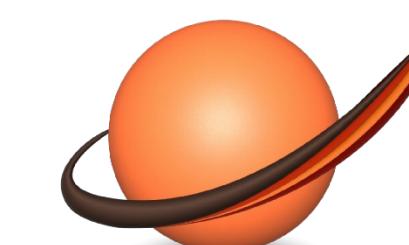
Joint thesis with a foreign partner: 12  
(41 out of SMRE PhD students in 2025)

**Number of international  
joint thesis**



# Governance of the GS

- **The Executive Board**
  - Director + Deputy Director + Coordinator + Secretary of the GS
  - Implementation of missions + improvement/evolution of GS operations
- **The Educational Committee**
  - Members of the executive board + 8 Directors of Doctoral Studies (DED in French) + responsibles for the 2 Graduate Programs SCP and IKS
  - In charge of preselecting PhD candidates, discussing training courses to develop the skills of doctoral students and to prepare their professional careers
- **The Graduate School Council**



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# The GS Council

(Ministerial decision of May 25, 2016 on the doctorate)

➤ The Council is composed of 23 members

- 12 laboratory and institution representatives
- 2 representatives of the technical and administrative staff
- 5 PhD student representatives (elected about every 2 years)
- 4 external personalities from the scientific or socio-economic sectors

➤ Permanent invited members

- representatives of co-accredited institutions (Deputy President for Research or equivalent)
- representative of the Doctoral College + responsible of GP
- representative of the Science and Technology Faculty
- 5 PhD student alternate representatives
- representative of the Hauts-de-France Region

The Council adopts the Graduate School's action programme

# Your representatives in the GS Council



**TAVERNIER Eliette, LASIRE**  
[eliette.tavernier@univ-lille.fr](mailto:eliette.tavernier@univ-lille.fr)



**OLIVA Maxime, UCCS**  
[maxime.oliva@centralelille.fr](mailto:maxime.oliva@centralelille.fr)



**GAY Loïc, UMET**  
[loic.gay@univ-lille.fr](mailto:loic.gay@univ-lille.fr)



**CASTIN Louis , LOA**  
[louis.castin@univ-lille.fr](mailto:louis.castin@univ-lille.fr)

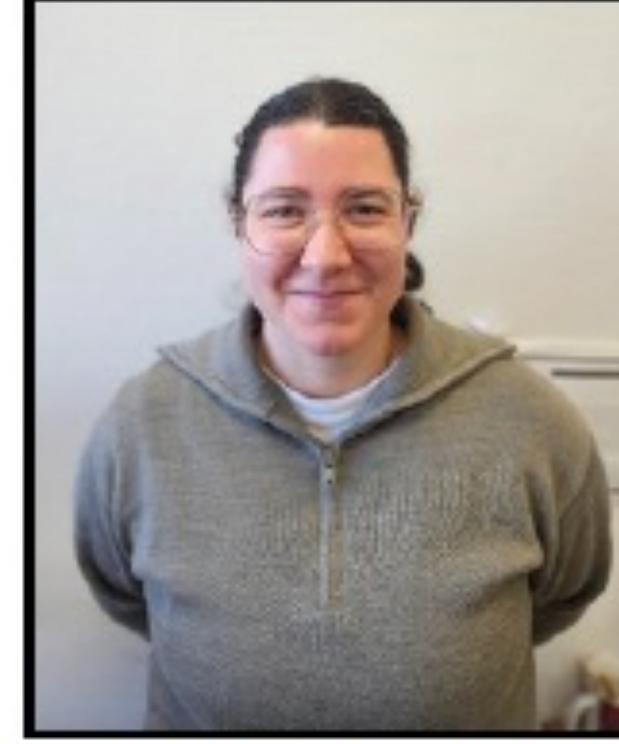


**FABRIZI Isabelle, MSAP**  
[isabelle.fabrizi@univ-lille.fr](mailto:isabelle.fabrizi@univ-lille.fr)

## Alternate representatives



**DIALLO Abdoul Aziz, PhLAM**  
[adiallo@univ-lille.fr](mailto:adiallo@univ-lille.fr)



**PEDREIRA Raphaëlla, UCCS**  
[raphaelle.pedreira@centralelille.fr](mailto:raphaelle.pedreira@centralelille.fr)



**ZAVATTONI Lola, UMET**  
[lola.zavattoni@univ-lille.fr](mailto:lola.zavattoni@univ-lille.fr)



**SAÏRI Manissa, UCCS**  
[manissa.sairi@univ-lille.fr](mailto:manissa.sairi@univ-lille.fr)



**MAILLARD Agathe, PhLAM**  
[agathe.maillard@univ-lille.fr](mailto:agathe.maillard@univ-lille.fr)

# What are the missions of the GS?

➤ **To recruit PhD students and support them during their thesis**

- Thesis funding + Recruitment of PhD students
- Support of PhD students



➤ **Organise doctoral training and promote international mobility and outreach**

- Training plan
- International or national mobility support



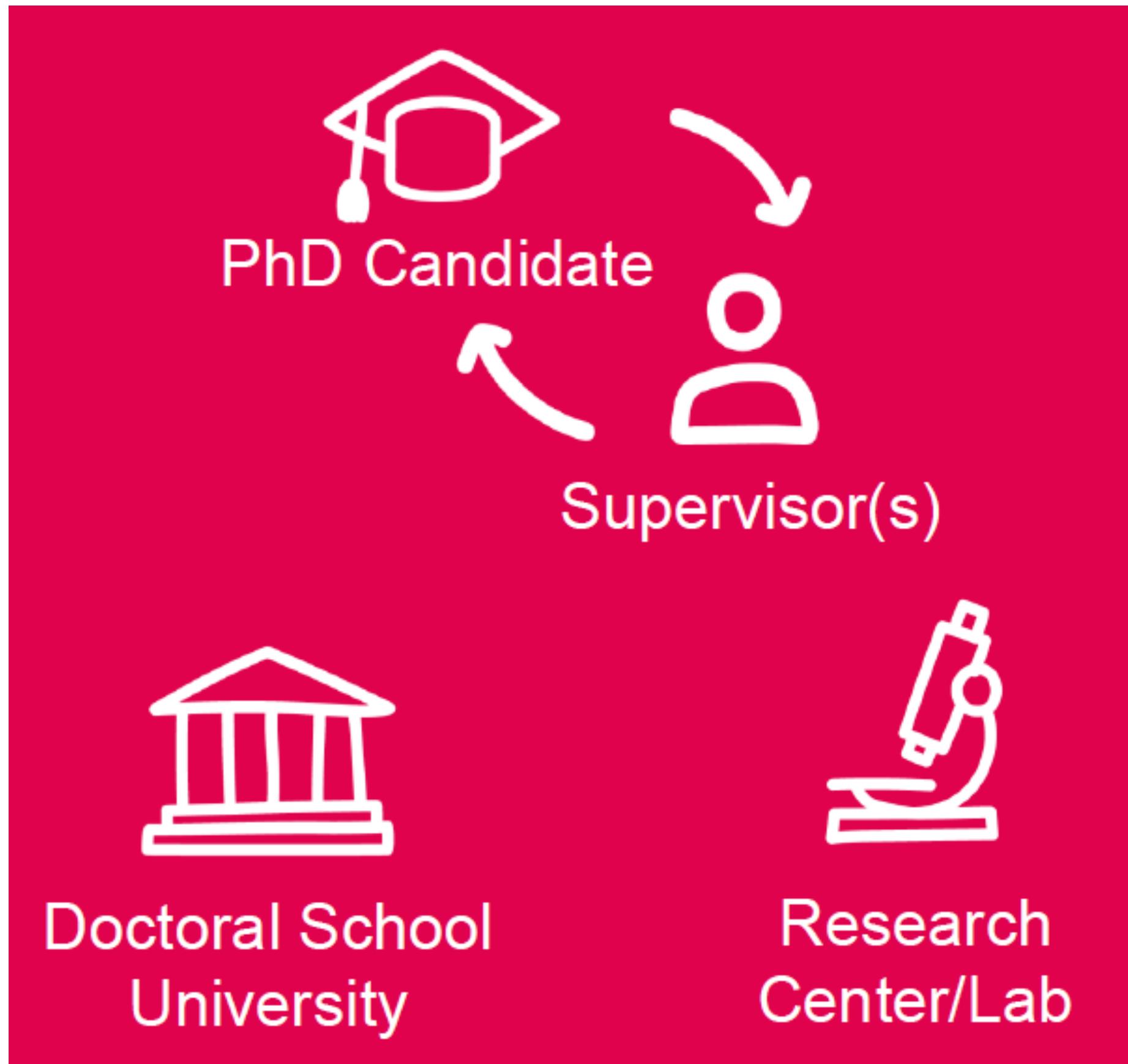
➤ **Prepare the PhD student's career path**

- Training courses of the Doctoral College
- Doctoriales, ChallengeDoc, DocEmploi,... (refer to « Startdoc » conference)

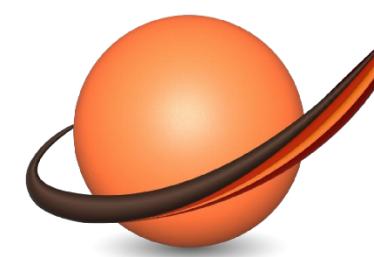


# What is a PhD student at the SMRE GS?

A doctoral candidate is:



- **An early-career researcher**  
Doing full or part-time research in an academic research lab
- **Enrolled in a doctoral programme**  
Offered by the GS with a supervisor providing personalized mentorship, and with an annual follow-up committee
- **Average duration**  
3 (or 4) years



# PhD thesis funding

- **Mandatory funding for the entire duration of the thesis (3 or 4 years)**
  - Doctoral contract (decree of 23/04/2009, fixed-term public law employment contract):
    - ~ minimum 2230 € gross/month for 3 years (depending on the employer)
  - Fixed-term contract (CDD): according to the employer's salary scale
  - Fellowship and/or international joint thesis : variable from one PhD student to another

- **Decided by the GS Council in 2025**

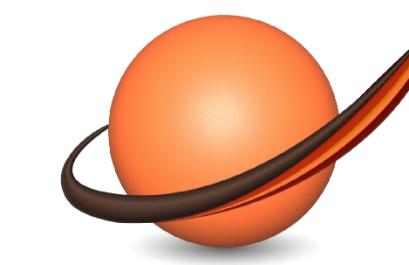
In case of fellowship/grants and/or international joint thesis

To regularly increase the salary until 2027, in order to get closer to the amount of a doctoral contract during periods spent in France

- 1500€ net/month minimum for PhD theses starting in 09/2025
- 1600€ net/month minimum for PhD theses starting in 09/2026

- **When the thesis goes beyond the initial duration for a good reason**

Provide financial support to the PhD student during the additional period spent in the laboratory (1500€/month from 09/2025)



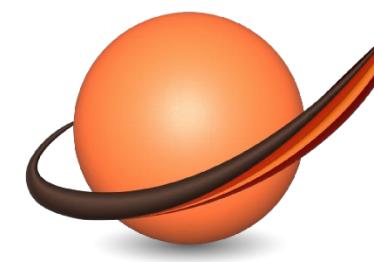
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# How the Graduate School functions: some rules

- **Monitoring of the supervision rate:**
  - No more than 5 supervised or co-supervised theses per researcher
  - No more than 3 new supervisions per year
- **Thesis monitoring:** Individual monitoring committee (see further)
- **Before each new registration:** Individual interview with the Director of Doctoral Studies (DED) of your lab/scientific domain + annual validation of the training programme (credits) + **report of the individual monitoring committee**
- **Authorization to start the defence procedure:** final interview with the DED, closure of the training plan, proposal for reviewers and jury ⇒ **approximately 11 weeks before the defence**
- **Mediation procedure** in case of problems / if necessary

# The Individual Monitoring Committee

- **Two meetings at the minimum (mandatory for re-enrolment)**
  - End of each academic year (which runs from September to August)
  - Two reminders from the GS secretary, in May and early September
- **Co-organised by the doctoral student and his/her supervisor**
  - Two committee members from outside the institution/lab and the doctoral project
  - Same committee members during the 3 years of the thesis (ideally)
  - Template of the committee report available on the GS website
- **Provide the report of the Committee to the GS secretary before each new registration**

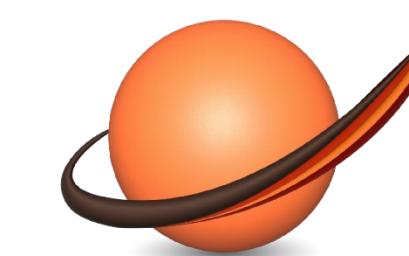


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# **Mission and activities of the Directors of Doctoral Studies (DED)**

**Ensure the link between the Executive Board and the research domains (laboratories)**  
**Provide close support to PhD students**

- **Welcome/information to the PhD student on arrival in the laboratory**
- **Annual individual interview with PhD student before each new registration**
  - discussion about his/her training plan
  - validation of training courses (credits)
  - progress of the thesis / possible difficulties
  - valorisation of the thesis (publication(s), oral communications, posters, etc.)
- **Final interview 12 weeks before the defence**
  - review of training and work
  - control of the composition of the jury



# Who is your Director of Doctoral Studies (DED)?

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| Name of DED / Laboratory | Vincent Phalip | Xavier Vekemans | Nicolas Tribovillard | Justine Criquet | Frédéric Parol | Céline Toubin | Ingrid Proriol-Serre | Maude Jimenez | Jean-François Paul | Sylvie Daviero |
|--------------------------|----------------|-----------------|----------------------|-----------------|----------------|---------------|----------------------|---------------|--------------------|----------------|
| UCCS                     |                |                 |                      |                 |                |               |                      |               |                    |                |
| UMET                     |                |                 |                      |                 |                |               |                      |               |                    |                |
| MSAP                     |                |                 |                      |                 |                |               |                      |               |                    |                |
| CERI MP                  |                |                 |                      |                 |                |               |                      |               |                    |                |
| LASIRE                   |                |                 |                      |                 |                |               |                      |               |                    |                |
| PhLAM                    |                |                 |                      |                 |                |               |                      |               |                    |                |
| LOA                      |                |                 |                      |                 |                |               |                      |               |                    |                |
| PC2A                     |                |                 |                      |                 |                |               |                      |               |                    |                |
| CERI EE                  |                |                 |                      |                 |                |               |                      |               |                    |                |
| LOG                      |                |                 |                      |                 |                |               |                      |               |                    |                |
| EcoEvoPaleo              |                |                 |                      |                 |                |               |                      |               |                    |                |
| LGCgE                    |                |                 |                      |                 |                |               |                      |               |                    |                |
| BioEcoAgro               |                |                 |                      |                 |                |               |                      |               |                    |                |

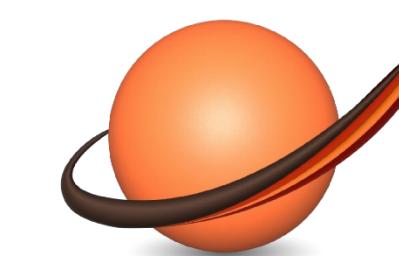
# The training programme

The PhD student builds his/her own program



- **3 domains of training**
  - Scientific (doctoral and master lectures, summer school, etc.)
  - Transversal skills (languages, scientific writing, *scientific ethics\**, *open sciences\**, etc.)
  - Professionalization (lectures by external speakers, Doctoriales, PhD Job Days, etc.)
- **Obtain a minimum of 60 GS credits spread over the 3 years of the thesis**
  - About 120 hours of training in total
  - Reduced to 30 GS credits (60 hours) in case of international joint doctorate
  - On average: ~5 credits/day and 1 credit/2 hours of in-person classes,  
1 credit/4 hours for online courses
- **Specific training programme offered by the Graduate Programmes**

\* Mandatory: 10 credits in total



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# The Graduate Programmes

**The research activities of the SMRE laboratories are mainly related to the SCP and the IKS GP**

<http://www.isite-ulne.fr/index.php/en/graduate-programme-science-for-a-changing-planet/>

<http://www.isite-ulne.fr/index.php/en/graduate-programme-information-knowledge-society/>

## Science for a Changing Planet (SCP) Graduate Programme



Coordinators:  
Pr. Sophie Duquesne  
Pr. Céline Toubin

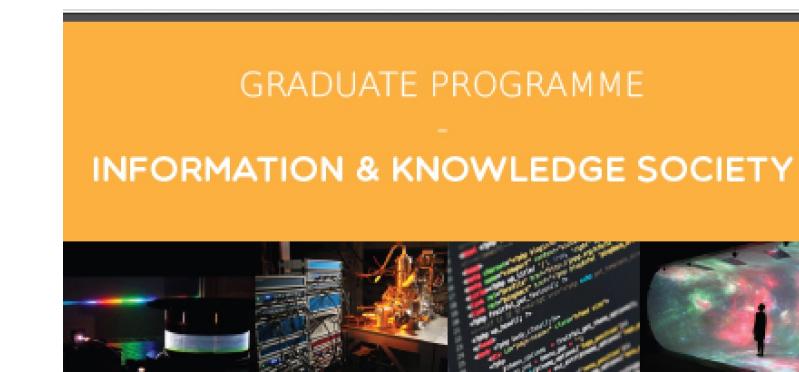
## Thematic and enhanced (Master + PhD) training:

- a dedicated training plan
- a summer school conference
- some specific events, etc.

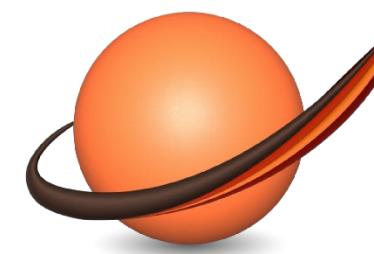
**Since 2021 some PhD students are included in the Graduate Programmes**

**For additional information see the presentation by Pr. S. Duquesne**

## Information and knowledge Society (IKS) Graduate Programme



Coordinator:  
Pr. Marc Lefranc



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# The defence procedure

## ➤ How to obtain the PhD degree: Conditions fixed by the SMRE GS

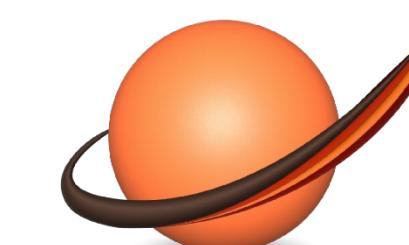
- 1 scientific publication accepted
- Or 1 oral presentation in an international conference
- Completed training program (about 120h total)
- A peer review thesis dissertation ⇒ 2 favourable reports required
- An oral defence

Checked by the DED during the final interview



## ➤ After the defence, the doctoral student takes an oath

« 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. »



# Professional integration of SMRE PhD 2020 after 3 years (data from December 2023)

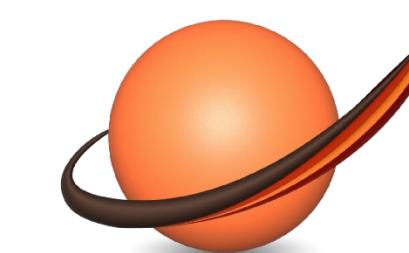
|  | ED SMRE | Ensemble des docteurs 2020 de l'I-SITE ULNE |
|--|---------|---|
| Taux d'emploi <sup>1</sup>   | 86%     | 88%   |
| Taux d'insertion <sup>2</sup>  | 90%     | 91%   |
| Part d'emplois de niveau cadre et professions libérales <sup>3</sup>   | 100%    | 98%   |
| Part d'emplois à durée indéterminée <sup>3</sup>   | 85%     | 72%   |
| Part d'emplois à temps plein <sup>3</sup>  | 100%    | 97%   |
| Part d'emplois localisés dans les Hauts de France <sup>3</sup>   | 21%     | 32%   |
| Part d'emplois dans le monde académique <sup>3 et 4</sup>  | 29%     | 34%   |
| Part de postdoc ou CDD scientifique  | 8%      | 15%   |
| Salaire/revenu net mensuel médian avant imposition (primes comprises) des emplois à temps plein situés en France | 2 759 € | 2 700 €                                     |

1 (diplômés en emploi / diplômés) x 100.

2 (diplômés en emploi / (diplômés en emploi + diplômés en recherche d'emploi)) x 100.

3 calculée par rapport aux diplômés en emploi.

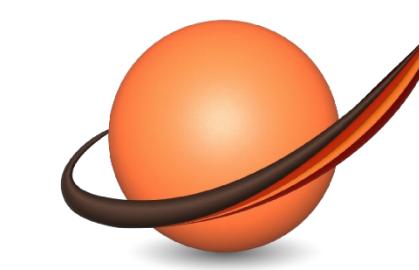
4 monde académique = université ou établissement d'enseignement supérieur public ou privé, EPIC, EPST.



# Employer's business sector

|            | ED SMRE     | Ensemble des docteurs 2020 de l'I-SITE ULNE |
|------------|-------------|---|
| Privé      | 60%         | 47%   |
| Public     | 34%         | 47%   |
| Associatif | 6%          | 6%  |
|            | <b>100%</b> | <b>100%</b>                                 |

|  | ED SMRE     | Ensemble des docteurs 2020 de l'I-SITE ULNE |
|--|-------------|---|
| Enseignants-chercheurs titulaires                    | 10%         | 9%  |
| Enseignants chercheurs contractuels (dont ATER)      | 2%          | 1%  |
| Chercheurs titulaires et assimilés                   | -           | 2%  |
| Post-doctorants                                      | 8%          | 14%   |
| Chercheurs contractuels (hors postdoc)               | 3%          | 3%  |
| Autres enseignants (supérieur, secondaire, primaire) | 7%          | 14%   |
| Cadres de la fonction publique                       | 3%          | 8%  |
| Ingénieurs et cadres techniques                      | 60%         | 36%   |
| Autres cadres (hors FP)                              | 5%          | 7%  |
| Professions intermédiaires                           | -           | 2%  |
| Autres : chefs d'entreprise, profession libérale     | 2%          | 4%  |
|  | <b>100%</b> | <b>100%</b>                                 |



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## Communication tools

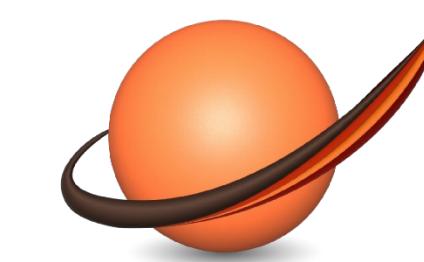
L'EG SMRE communique et valorise les travaux des doctorantes et doctorants via les réseaux sociaux, actuellement via :

The SMRE Graduate School communicates and promotes PhD students' work, currently through:

**LinkedIn** ⇒ <https://www.linkedin.com/school/ed-smre/>

l'Ecole Doctorale Sciences de la Matière, du Rayonnement et de l'Environnement

Ecole doctorale « Sciences de la Matière, du Rayonnement et de l'Environnement » (ED SMRE 104)  
Enseignement supérieur · Villeneuve d'Ascq Cedex · 306 abonnés



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# Communication tools

Vous pouvez nous aider en : | You can help by:

- vous abonnant à nos pages et à la newsletter LinkedIn | subscribing to our pages and the LinkedIn newsletter
- nous identifiant sur vos messages sur ces réseaux | tagging us if you post on these networks
- nous informant de vos comptes via ADUM si vous en avez | inform us of your accounts through ADUM if you have any

En haut à droite de votre page ADUM  
Top right of your ADUM page



Mon Profil - Mme Véronique RIFFAULT n°

- identifiant IDREF : 
- **Adresse** : IMT Nord Europe - Campus de Douai 941 rue Charles Bourseul 59500 Douai FRANCE
- **Téléphone** : 0327712604
- **E-mail** : [veronique.riffault@imt-nord-europe.fr](mailto:veronique.riffault@imt-nord-europe.fr)
- **Laboratoire** : CERI EE Centre d'Enseignement de Recherche et d'Innovation Energie Environnement
- **Etablissement** : IMT Nord Europe
- **Ecole Doctorale** : Sciences de la Matière du Rayonnement et de l'Environnement n°104
- identifiant ORCID : <https://www.orcid.org/0000000155720871>
- identifiant IdHAL : <https://cv.archives-ouvertes.fr/veronique-riffault>
- Compte LinkedIn : <https://www.linkedin.com/in/vriffault/>
- Compte Twitter : <https://twitter.com/VRiffault>
- Compte ResearchGate : [https://www.researchgate.net/profile/Veronique\\_Riffault](https://www.researchgate.net/profile/Veronique_Riffault)
- Compte Clarivate : <https://publons.com/researcher/2762549/veronique-riffault/>

*Thank you for your attention*

*Any questions?*



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**Graduate School - 104**

Sciences of Matter, Radiation  
and Environment



# Rentrée doctorale

Lille Grand Palais ↓

16 Décembre 2025 • 14h - 18h



## *Schedule for the second part of the meeting*

- The SMRE Graduate School
- The Graduate Programmes
- The ULille PhD Student's Association
- 'Open Science' training by the ULille Documentation Center