

# Welcome to



**ÉCOLE DOCTORALE**  
SCIENCES DE LA TERRE ET DE L'ENVIRONNEMENT  
ET PHYSIQUE DE L'UNIVERS, PARIS

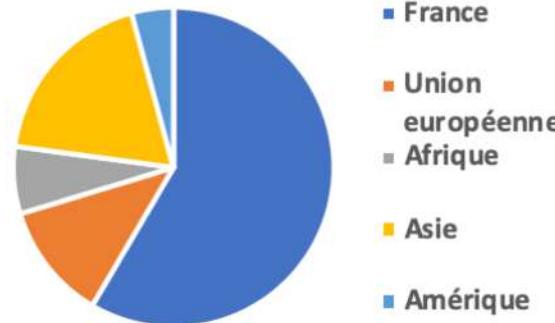
03/10/2019

# This is you !

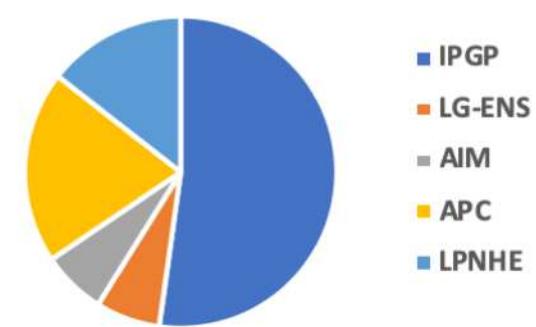
**45 doctorants 2019-2020**



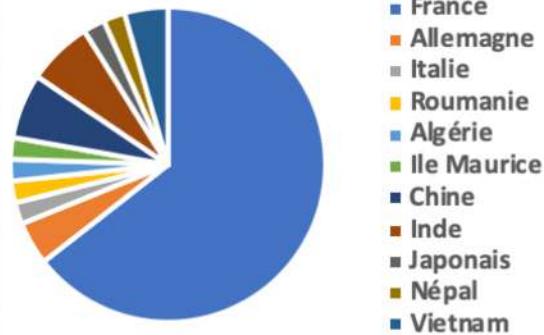
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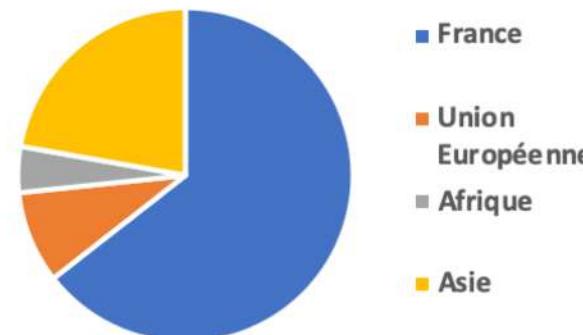
**45 doctorants 2019-2020**



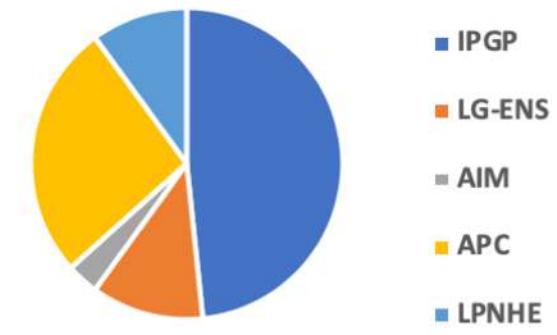
**59 doctorants 2018-2019**



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**59 doctorants 2018-2019**



# Aspects internationaux : accueil

The screenshot shows the homepage of the STEP'UP Ecole Doctorale website. At the top, there is a navigation bar with links for "L'École Doctorale", "Rejoindre l'ED", "Pendant la thèse", and "Après la thèse". The main content area features a logo with the Eiffel Tower and the text "STEP'UP ÉCOLE DOCTORALE". Below the logo, there are language selection buttons for "Français" and "English". A sidebar on the left contains links for "Actualités", "Résultats du concours complémentaire", "Réunions de rentrée 2019", "Admission des doctorants 2019-2020", and "Congrès des Doctorants 2019". The main content area has a heading "Bien préparer son arrivée" and a sub-section "Welcome to ED 560 STEP'UP!". It provides information about mandatory actions for starting a PhD in Paris, including VISA, Housing, Social Security, and Healthcare, and academic registration. It also mentions enrollment in one of the academic institutes (Paris-Diderot, SU, ENS, IPGP) and research in laboratories (APC, AIM, Géo-ENS, IPGP, LPNHE, LPTHE). Below this, there is a section for "Welcome information for foreign students in the Universities" with links to Paris-Diderot, SU, and PSL Welcome Desk. There is also a "VISA" section with a link to the official site (<https://france-visas.gouv.fr/>) and a note about needing a VISA if you have a doctoral fellowship. The footer of the page includes a "Connexion" button.

You are enrolled in a higher education institute



# You are doing your research in a Laboratory

Laboratoire  
de Géologie  
ENS



A contact persons for the doctoral school in each lab:

- Hélène Lyon-Caen (ENS)
- Clément Narteau (IPGP)
- Mathias Gonzalez (AIM)
- Fabien Casse (APC)
- Mélissa Ridel (LPNHE)

# So, what is the doctoral school?

## The role of the doctoral school

- Ensure the **quality of the scientific team**
- **Selection** of the PhD candidates
- **Monitoring the progress of the thesis:** **AUTHORISATION FOR RE-ENROLLMENT!**
- Promote **exchanges between PhD** candidates
- Organization of doctoral training useful for the PhD project and his (her) **professional future**
- Follows and promotes the **employment of doctors**
- **International aspects**



~ 300 chercheurs  
~ 200 doctorants (45-60 / an)

# Organisation of the doctoral school

**Directeur : Yannick Giraud-Héraud**, Directeur de Recherche CNRS

**Directeurs adjoints :**

- **Christophe Balland**, Professeur, Sorbonne Université
- **Hélène Lyon-Caen**, Directeur de recherche CNRS, ENS
- **Clément Narteau**, Professeur, IPGP
- **Alessandra Tonazzo**, Professeur, Université Paris-Diderot

**Bureau :**

- Isabelle Grenier, Professeur Université Paris Diderot

**Responsables formation :**

- Frédéric Girault, maître de conférences, Université Paris Diderot – Terre-Environnement
- Irena Nikolic, maître de conférences, Sorbonne Université – Physique de l’Univers

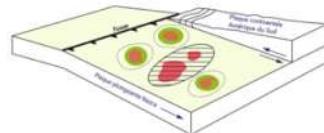
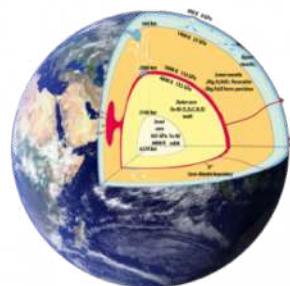
**Administration et gestion : Zarie Rouas et Alissa Marteau**

**Contacts : [edstepup\\_pu@univ-paris-diderot.fr](mailto:edstepup_pu@univ-paris-diderot.fr) et [scol-ed@ipgp.fr](mailto:scol-ed@ipgp.fr)**

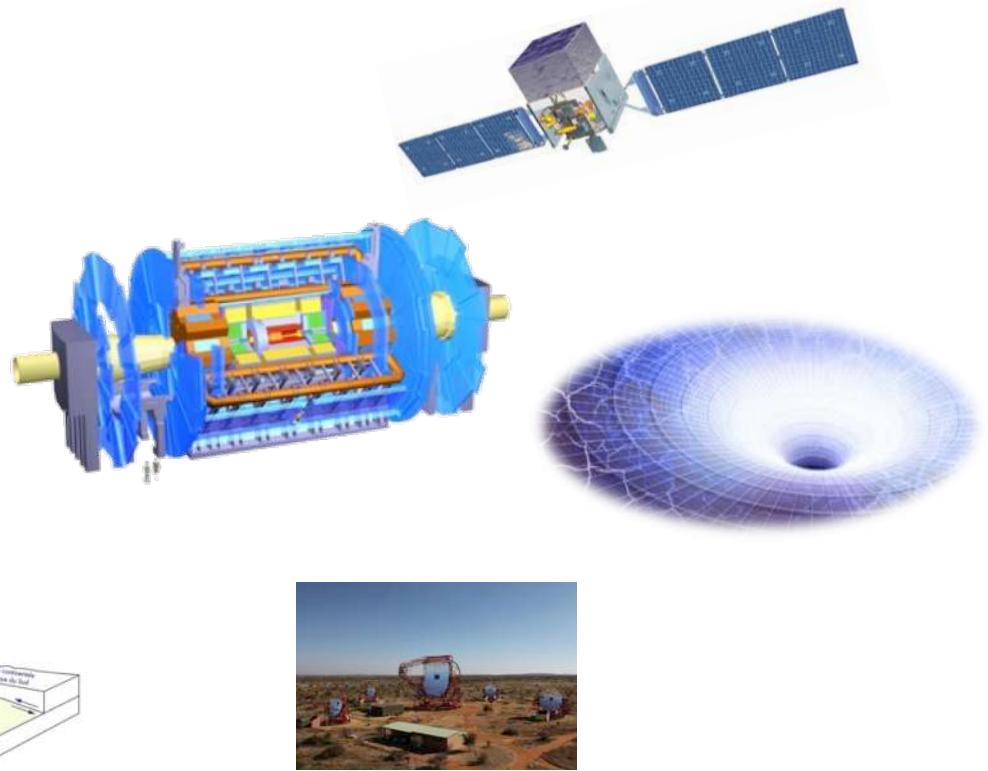
**Conseil:** 25 membres, dont 5 doctorants and 8 extérieurs.

# Scientific themes

Earth & Planetary interiors  
Natural Hazards  
Earth System Science  
Origins



Cosmology, Gravitation, Particle Physics,  
Astroparticles, instrumentation



# Organisation of the doctoral school

**One doctoral school**

**two graduate sectors (composantes)**

## **Sciences de la Terre et de l'Environnement (TE)**



Laboratoire  
de Géologie  
ENS

Director : Clément Narteau  
Deputy director: Hélène Lyon-Caen  
Training coordinator : Frédéric Girault

## **Physique de l'Univers (PU)**



Director : Alessandra Tonazzo  
Deputy director: Christophe Balland  
Training coordinator: Irena Nikolic

**Geographic landscape:** Paris Centre – Paris intra-muros

**Strategic goal:** Create links with our institutes to create new research approaches and support established research.

# Monitoring the progress of your thesis

During your thesis, you are supposed to

- produce original scientific results
- present your results in conferences and papers
- get training
- prepare your professional future

→ You signed a "charte de thèse" together with your supervisor, your laboratory and the doctoral school

# La charte de thèse

Dans le cadre de la thèse de doctorat Université Sorbonne Paris Cité, les signataires s'engagent à se conformer à la charte contenue en annexe et notamment

- Chaque doctorant.e s'engage, en s'inscrivant en doctorat, à mener à bien le projet de recherche préalablement défini, à suivre les actions de formation et à se conformer aux procédures de suivi prescrites par son école doctorale. Au cours du doctorat, elle.il se préoccupe de sa poursuite de carrière.

- Chaque directeur.rice de thèse est le premier.e interlocuteur.rice du doctorant. Son rôle, dans le cadre d'une équipe de recherche rattachée à l'école doctorale, est de valider le projet de recherche et d'assurer son suivi et les moyens de sa réalisation. Elle.il veille à ce que le doctorant suive les activités de formation et se conforme aux procédures de suivi prescrites par l'école doctorale. Le(s) directeur.rices de thèse accompagne.nt activement le doctorant.e dans sa poursuite de carrière.

- Chaque responsable d'unité de recherche est responsable de la bonne intégration du doctorant dans son unité en tant que chercheur.se à part entière, et de la qualité des conditions de travail nécessaires à la bonne réalisation de la recherche engagée.

- Chaque directeur.rice d'école doctorale s'assure de la validation des projets de recherche doctoraux et de leur suivi. Elle.il s'assure également de la qualité de la formation doctorale donnée au doctorant et veille au respect des règles régissant le déroulement du doctorat. L'école doctorale s'engage à présenter des informations sur le devenir professionnel des docteurs.

# Monitoring the progress of your thesis

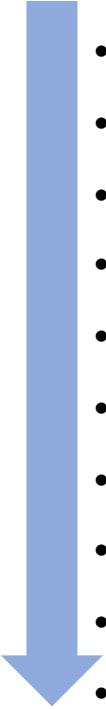
- Your supervisor
- Your team/group leader, other members of the team
- The Doctoral School lab contacts + board members
- "Parrains", other Phd candidates
- **Comité de thèse**
  - 2 researchers (at least 1 exterior to the team)
  - yearly meetings to discuss the progress of your thesis: science, relation with your supervisor, motivation, logistics, professional project
  - report required for re-inscription

Don't hesitate  
to ask for help !!!

**A THESIS = 3 YEARS !!!**

# Monitoring the progress of your thesis

## Timeline of your PhD

- 
- since the 1<sup>st</sup> month: "Projet de Formation Individuelle"
  - after ~8 months (April/May of 1<sup>st</sup> year): 1<sup>st</sup> meeting of the comité de thèse
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  - after 12 months: enrolment to 2<sup>nd</sup> year
  - after 20 months (April/May of 2<sup>nd</sup> year): 2<sup>nd</sup> meeting of the comité de thèse
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  - after 24 months: enrolment to 3<sup>rd</sup> year
  - after 30 months (April/May of 3<sup>rd</sup> year): 3<sup>rd</sup> meeting of the comité de thèse
  - after 33 months: start procedures for defence
  - after 36 months: defence !

## *ResearcherID and ORCID*

First step to become a (publishing) researcher.  
Get a unique ID to recognize your work.

- Go to [publons.com](http://publons.com)  
Create your account.  
As soon as you can link one of your paper to your account you  
will have a researcherID.
- Go to [orcid.org](http://orcid.org) and register.
- Link your Orcid number to your ResearcherID.

ResearcherID/ORCID are compulsory to 2nd year registration.

Having it updated is compulsory for defence

## *Risks related to doctoral studies*

- Psychosocial risks.
- Psychological or moral harassment.
- Sexual harassment.

If you have any problem of this kind:

- communicate.
- do not hesitate to ask for help !

## *Different (local) levels of communication*

- PhD students with more experience.
  - Colleagues within your laboratory.
  - The head of your laboratory or research unit.
  - Administrative staff within your laboratory or research unit.
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- Your PhD advisor.
  - Members of the thesis committee.
  - Members of the Doctoral School

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## *Psychosocial risks during a PhD*

A PhD thesis can cause stress due to personal involvement and the challenges of conducting original research.

Preventing stress before health problems occur helps to improve your working conditions, identify dysfunctions that hinder the progress of your PhD and optimize the quality of your research.

Service Santé au travail de l'Université Paris-Diderot

Loïc Bonhomme      01 57 27 89 60

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SUMPPS

Service Univ. de Médecine Préventive et de Promotion de la Santé

Université Paris-Diderot      01 57 27 94 60

Sorbonne Université      01 40 51 10 00

## *Moral and sexual harassment (not specific to PhD studies)*

A theater show will be proposed at Paris-Diderot on December 13th

[https://universite.univ-paris-diderot.fr/actualites/  
/sensibilisation-au-harcelement-sexuel-theatre-forum-silences-complices](https://universite.univ-paris-diderot.fr/actualites/sensibilisation-au-harcelement-sexuel-theatre-forum-silences-complices)

Dedicated initiative at Paris-Diderot: “*Agissons ensemble !*”

[https://formation.univ-paris-diderot.fr/actualites/  
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Special system for support at USPC (UP)

[https://formation.univ-paris-diderot.fr/actualites/  
/le-dispositif-mis-en-place](https://formation.univ-paris-diderot.fr/actualites/le-dispositif-mis-en-place)  
<http://www.sorbonne-paris-cite.fr/en/node/954>

Dedicated mission at Sorbonne Université

[http://sciences.sorbonne-universite.fr/fr/  
la-faculte-des-sciences-et-ingenierie/mission-equalite.html](http://sciences.sorbonne-universite.fr/fr/la-faculte-des-sciences-et-ingenierie/mission-equalite.html)

Dedicated brochure at PSL (intranet)

[https://intranet.ens.fr/sites/default/files/fichiers/DGS/Contacts%20page%202%20V%20du%2011-%](https://intranet.ens.fr/sites/default/files/fichiers/DGS/Contacts%20page%202%20V%20du%2011-)

Actions at IPGP

[egalite@ipgp.fr](mailto:egalite@ipgp.fr), contacts : Anne Le Friant, Nathalie Feuillet

# Promote exchanges between PhD candidates

- Today ! → Reception
- March 23-27 : "Congrès des Doctorants" (Robin Lacassin, Alexis Coleiro)  
→ presentation by Robin Lacassin
- Some end-of-year event before the summer (TBD)
- Seminars for the whole doctoral school:
  - November 2019 "The impostor syndrome: How to deal with lack of self-confidence in academia?"
  - January 2020 : Ethics and scientific integrity (compulsory training)
  - more to be announced...
- "Associations des doctorants" → presentation by Hekla, ...

# International aspects

## Languages

- English test: compulsory for all (C1 level must be reached)
- French: B1 level required
- French and English courses: several options available

Mobility is strongly encouraged in the context of your professional project

- Some calls for funding will be announced during the year

International co-supervisions ("co-tutelles") are encouraged

- Special funding opportunities are available

# Training in view of your professional future

**FORMATION À LA RECHERCHE**

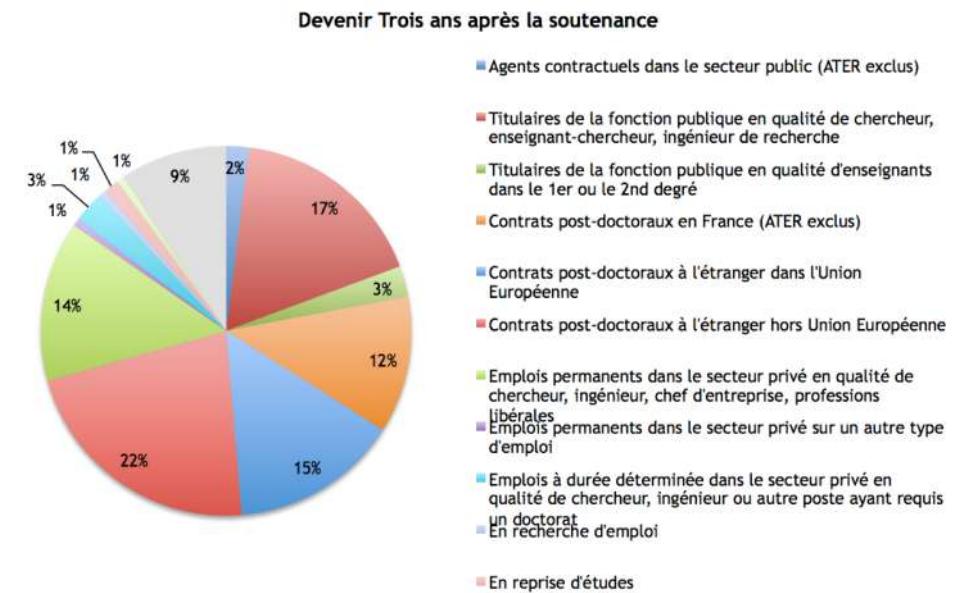
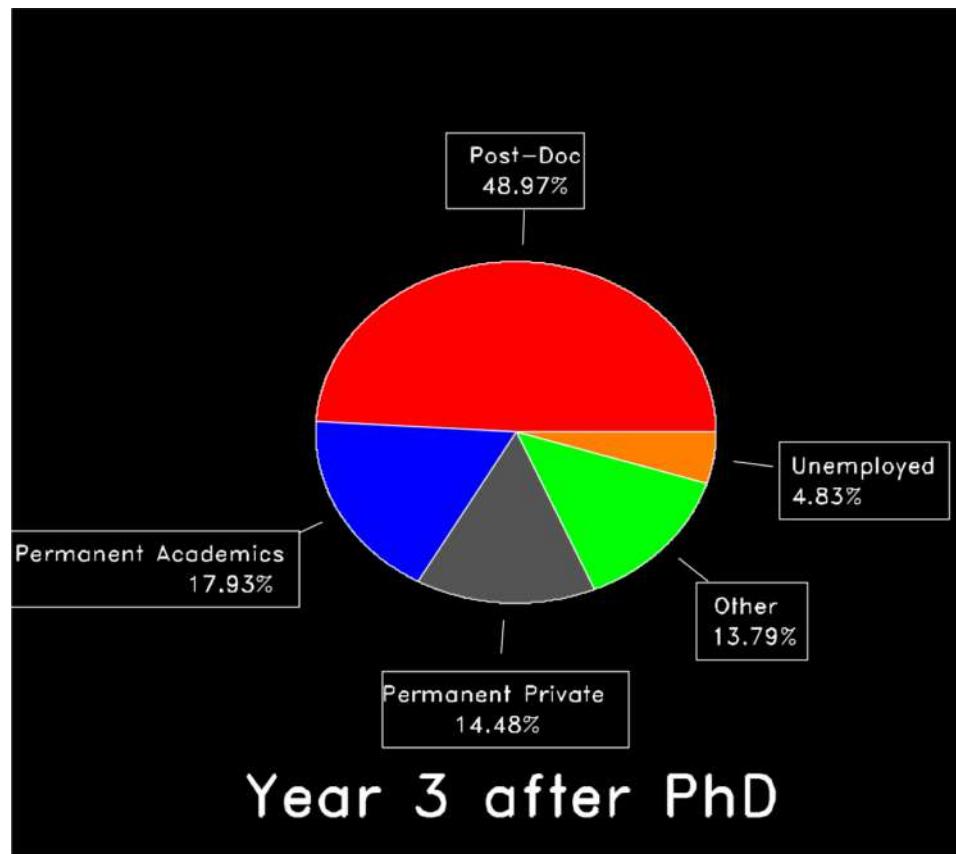
+ **FORMATION PAR LA RECHERCHE**

- The doctoral school makes sure that you achieve a given set/level of "compétences"  
→ Répertoire National des Certifications Professionnelles (RNCP)
- Start thinking about your professional future!

your contacts : Frédéric Girault (TE), Irena Nikolic (PU)

→ presentation by Frédéric Girault

# After the thesis





# Welcome to your 2<sup>nd</sup> year at



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02/10/2018

# You are in the second year of your thesis!

- You have been through the 1<sup>st</sup> year!
- The defence is coming up in ~24 months! (remember: thesis = 3 years!)

➔ DO YOU HAVE ANY QUESTIONS / SUGGESTIONS ? (also for 1<sup>st</sup> year candidates)

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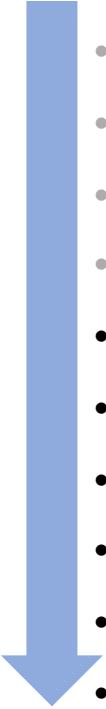
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# Some upcoming events

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- Seminars for the whole doctoral school:
  - November 2019 "The impostor syndrome: How to deal with lack of self-confidence in academia?"
  - January 2020 : Ethics and scientific integrity (compulsory training)
  - more to be announced...
- You have to attend the "general seminars" of the Laboratories

# The progress of your thesis

## Timeline of your PhD

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  - after 36 months: defence !

# Requirements to complete your PhD

- Get training (15 points)
  - at least 1 point on Ethics and scientific integrity
  - at least 4 points "Formation pédagogique"
  - languages: **French** (at least **B1** level), **English** (at least **C1** level)
- Participate to the PhD Congress every year
- Participate to an international conference/congress/workshop
- Present your research work (seminar, meeting, conference...)
- Produce at least one scientific paper as first/corresponding author or with important contribution

# Comité de suivi de thèse: 2<sup>nd</sup> meeting

- April/May 2020
- Report (fixed format) needed for enrolment to 3<sup>rd</sup> year

Présentation orale des travaux effectués et des résultats par le doctorant. Rédaction d'un rapport de synthèse de 3 pages présentant les avancées de la thèse et les difficultés rencontrées ainsi qu'un programme pour l'année de travail qui reste avant la rédaction. Le comité de suivi peut choisir de demander au doctorant de saisir cette occasion pour faire l'état de l'art de son sujet et de rédiger donc un document plus conséquent (50 pages). La discussion portera sur le degré d'avancement du travail, l'aptitude et la motivation de l'étudiant pour mener son travail à terme. Le comité n'hésitera pas à discuter avec attention des questions scientifiques mais aussi des présentations écrite et orale. Pour les doctorants de la composante "Terre-Environnement", la qualité de la présentation orale lors du congrès des doctorants sera analysée. Le comité rédigera un rapport et prendra soin de détailler les conseils qu'il souhaite donner au doctorant.

# Don't hesitate to ask for help!

if you don't feel as motivated as one year ago...

if your thesis is not progressing as you would like...

if you think your thesis subject could evolve...

if you don't feel comfortable in your working environment...

## **TELL SOMEONE!**

- Your thesis supervisor
- Members of the "comité de thèse"
- Members or heads of the research team/group
- Some representative of the doctoral school (director, coordinators of the "composantes", training coordinators, members of bureau, contacts...)
- Other PhD candidates
- Lab director/deputy

**WE ARE HERE TO HELP!**

## *ResearcherID and ORCID*

First step to become a (publishing) researcher.  
Get a unique ID to recognize your work.

- Go to [publons.com](http://publons.com)  
Create your account.  
As soon as you can link one of your paper to your account you  
will have a researcherID.
- Go to [orcid.org](http://orcid.org) and register.
- Link your Orcid number to your ResearcherID.

ResearcherID/ORCID are compulsory to 2nd year registration.

Having it updated is compulsory for defence

# Le Doctorat au RNCP

RNCP = Répertoire national des certifications professionnelles

<https://www.legifrance.gouv.fr/affichTexte.do?cidTexte=JORFTEXT000038200990>

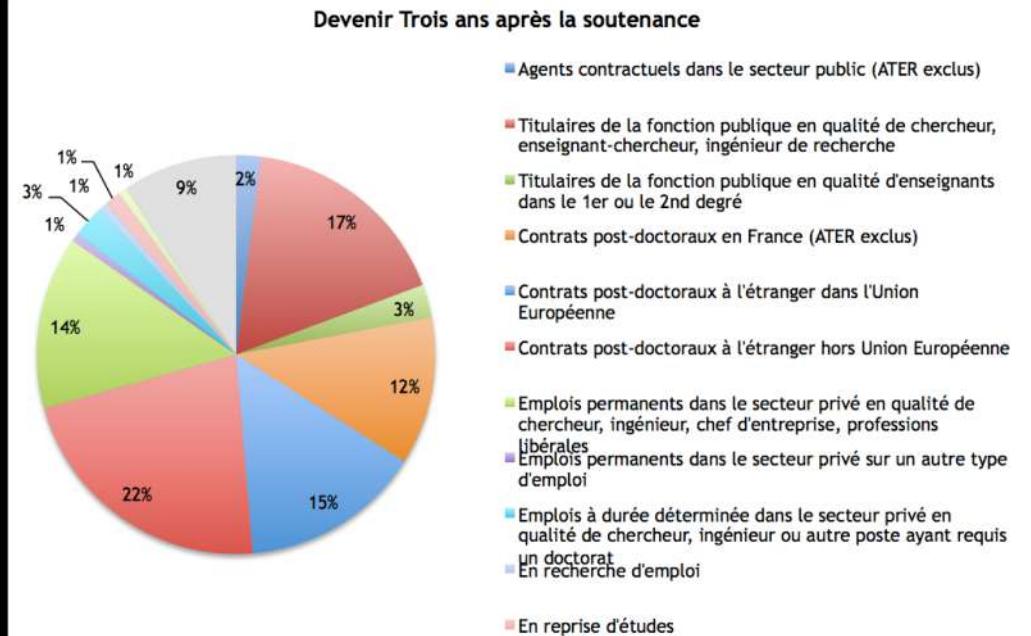
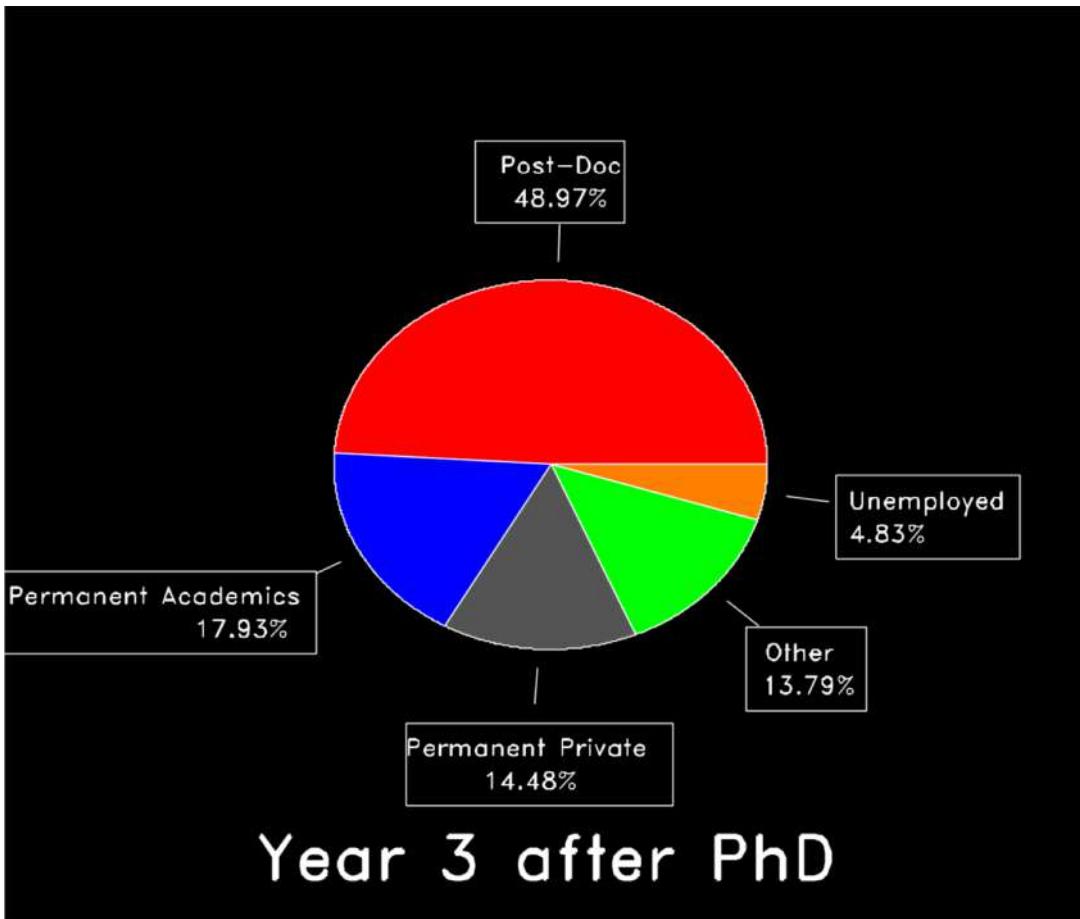
Arrêté du 22 février 2019 définissant les compétences des diplômés du doctorat et inscrivant le doctorat au RNCP

- Bloc 1

# Prepare your professional future

- Think about your **goals** and the strategy to achieve them
  - Write rapidly your scientific papers
  - Finish your thesis in 3 years
- Organise your **training**
  - Methodology courses
  - General courses (CFDiP, Collèges Doctoraux)
  - Firms etc
- Build your **professional network**
  - Scientific network: conferences, meetings, websites
  - Address book
  - Your webpage, Linkedin etc.
  - Your information on websites (ResearchGate, Google Scholar, ArXiv; ORCID/ResearchID)

# Après la these → quelques transparents de Frédéric Girault



# Any questions/suggestions?