



**ENGineering and SYstems Sciences**

**Sciences de l'ingénierie et des systèmes**

# D1 StartDoc meeting Outline

**ADSL:** Association of PhD students in science at University of Lille

**Introduction**  
**ENGYSYS doctoral school**  
**Main Missions**

**Training courses**  
**Individual Monitoring Committee (CSI)**  
**Thesis defence**

**After PhD**  
**Professional project (L. DESPLANQUE- W. LHOMME)**  
**IEEE society student branch – M. ALAWAR**

# GS ENGSYS – References

## Director

[\*Dir-edengsys@univ-lille.fr\*](mailto:Dir-edengsys@univ-lille.fr)

[\*Henri.happy@univ-lille.fr\*](mailto:Henri.happy@univ-lille.fr)

## Administration

[Sec-edengsys@univ-lille.fr](mailto:Sec-edengsys@univ-lille.fr)

Mrs Thi NGUYEN

[Thi.Nguyen@univ-lille.fr](mailto:Thi.Nguyen@univ-lille.fr)

Mrs Céline GLOANEC

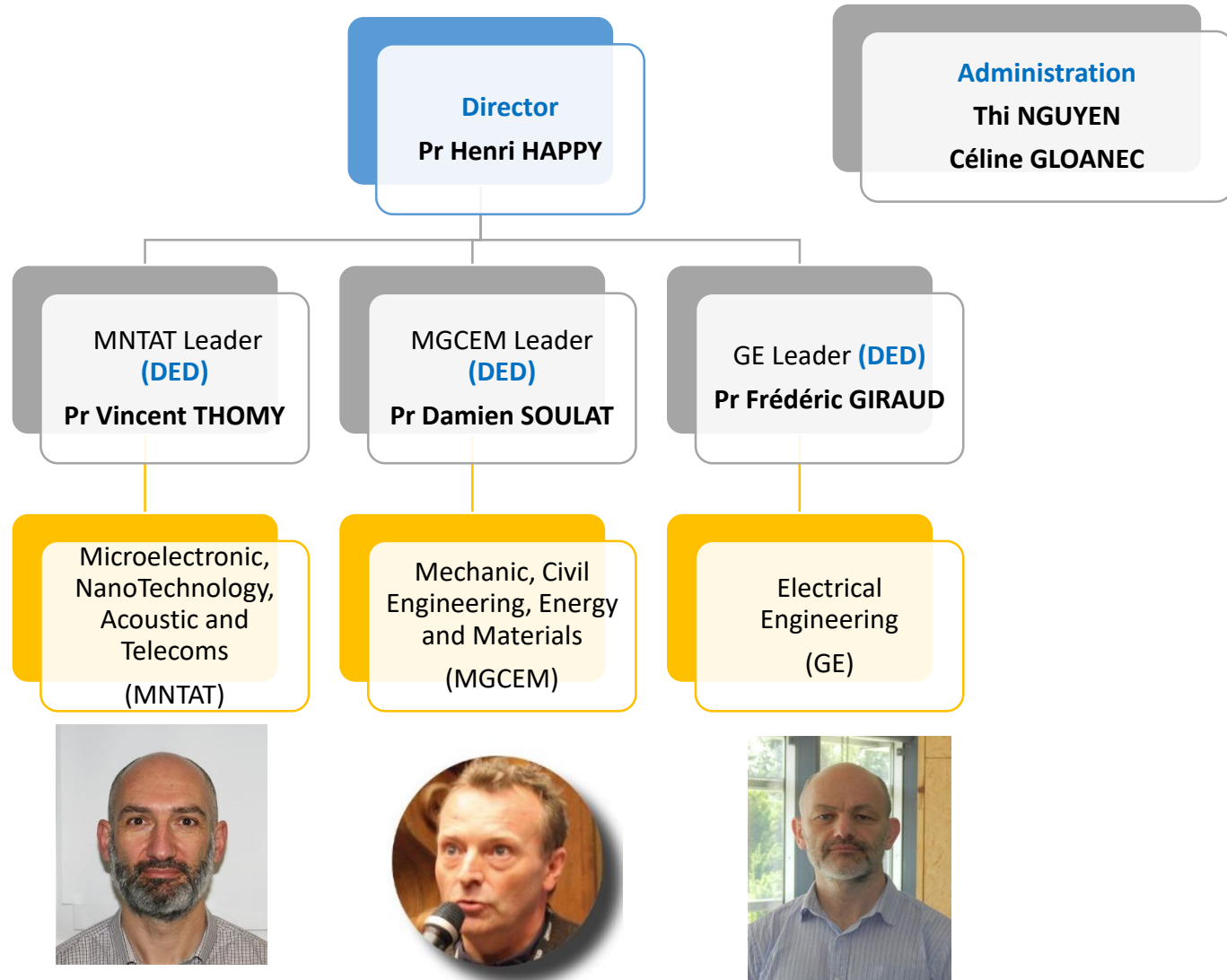
[celine.gloanec@univ-lille.fr](mailto:celine.gloanec@univ-lille.fr)

## Web site

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

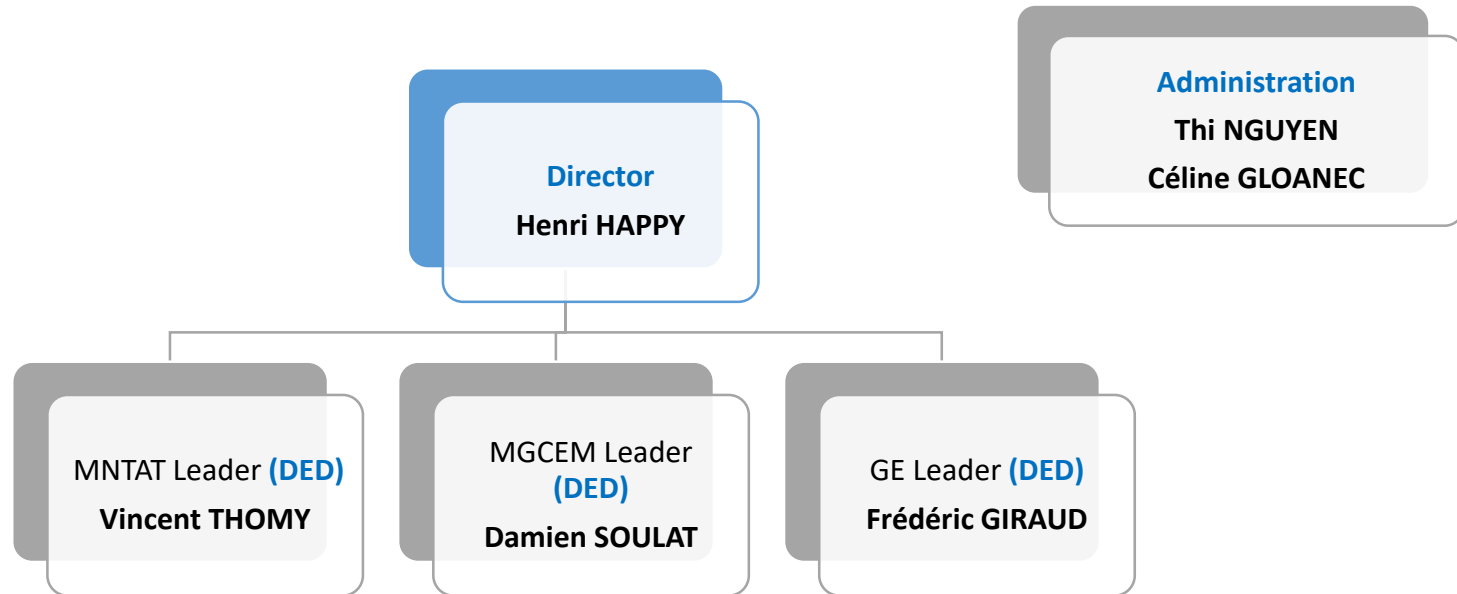
# GS ENGSYS: Organization (1/2)

## Executive Board



# GS ENGSYS: Organization (2/2)

## Executive Board



## Legislative Board

### Council of GS ENGSYS

(2-3 meetings/year)

5 representatives of PhD students in the board

# General introduction

PhD study in France is defined by a law

Arrêté du 25 mai 2016

Replaced by

**Arrêté 26 août 2022**

All the doctoral students must be registered in a **Doctoral School**

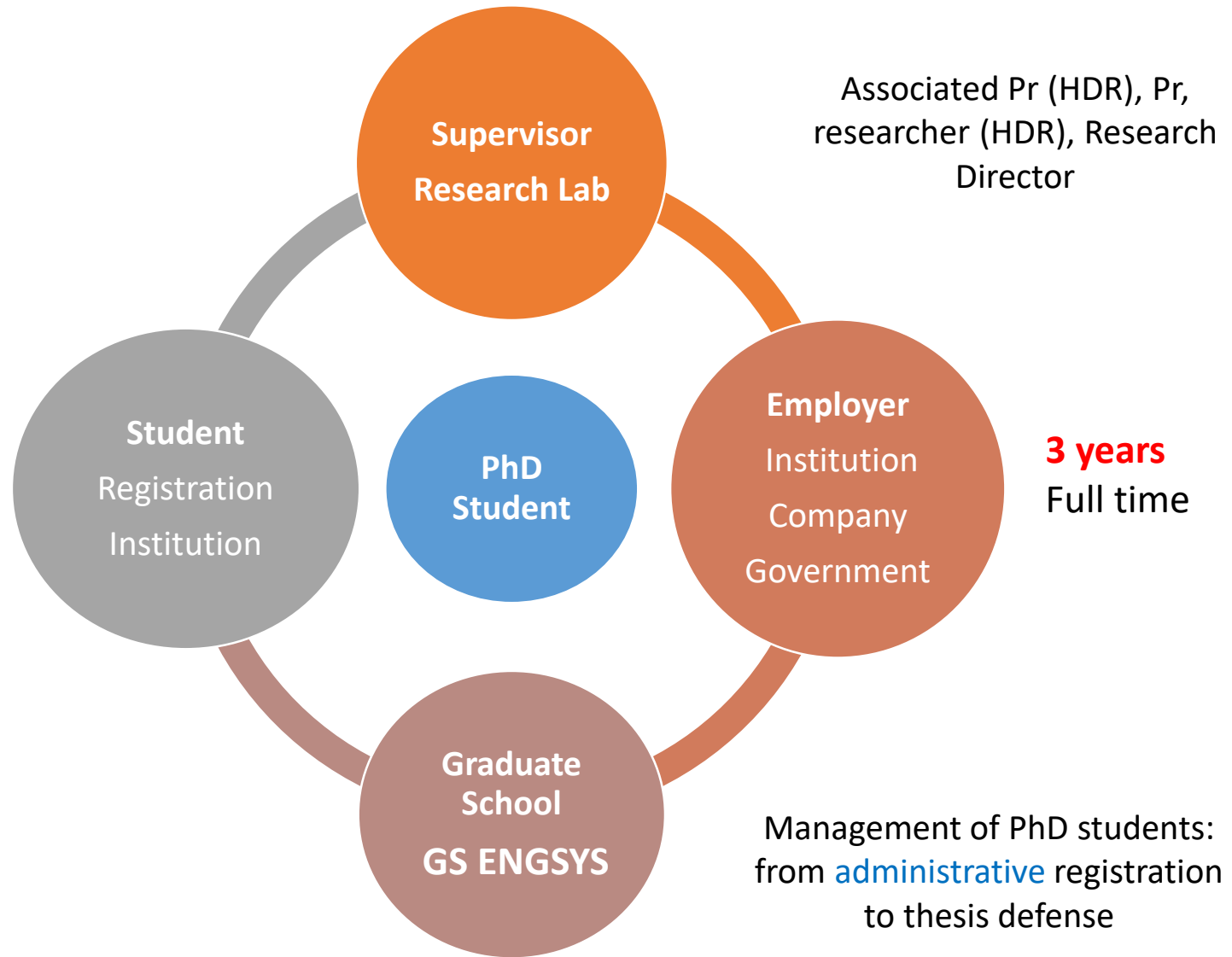
Policy of new University of Lille: Development of **Graduate Programs**



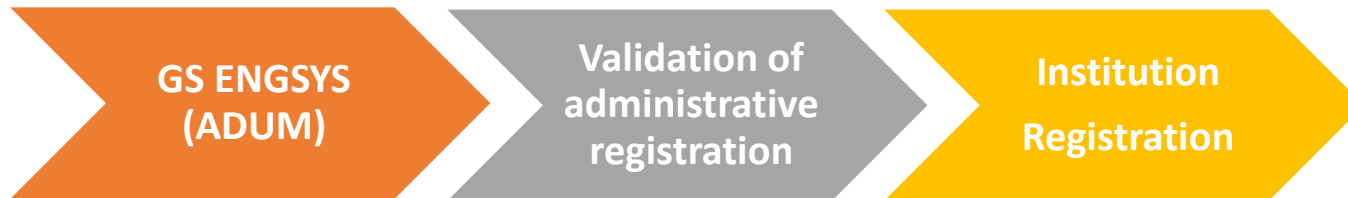
**Graduate School**



# General introduction



# General introduction



Institution	Contact
Université de Lille (ULille)	<a href="mailto:Celine.gloanec-diot@univ-lille.fr">Celine.gloanec-diot@univ-lille.fr</a> **
Centrale Lille Institut (CLille)	V. Fleury <a href="mailto:Scolarite.phd@centralelille.fr">Scolarite.phd@centralelille.fr</a>
Institut Mines Nord Europe (IMT)	<a href="mailto:inscription@imt-douai.fr">inscription@imt-douai.fr</a> <a href="mailto:christine.charlet@imt-lille-douai.fr">christine.charlet@imt-lille-douai.fr</a>
Université Gustave Eiffel (Univ. Eiffel)	<a href="mailto:sebastien.gaglianone@univ-eiffel.fr">sebastien.gaglianone@univ-eiffel.fr</a>



# General introduction



ACCÈS DOCTORAT UNIQUE ET MUTUALISÉ

PORTAIL INTERNET D'INFORMATIONS, DE SERVICES, DE COMMUNICATION, DES DOCTORANTS ET DOCTEURS

THE ADUM

MY ADUM ACCOUNT

RESEARCH NEWS

EMPLOYMENT

DOCTORATE INFORMATION



Login to your private space

Recherchez sur ADUM



## THE ADUM NETWORK

Languedoc Roussillon	Midi Pyrénées	Marseille	Grenoble Savoie	Bourgogne Franche-Comté	Lorraine	Reims	Paris-Est	Paris	PSL	Paris-Saclay	Institut Polytechnique de Paris
Cergy-Pontoise	Nanterre	Bordeaux	Pau	Centre Val de Loire	<b>Lille Nord de France</b>	Amiens	La Réunion	Nice	Limoges	Clermont-Ferrand	



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## Research Units

Disciplinary field	Research Units
<b>MGCEM (80)</b> <b>Damien SOULAT</b>	<div>CERI EE, MP, SN (6)</div> <div>LAMCUBE (23)</div> <div>LMFL (7)</div> <div>LGCGE (18)</div> <div>UML (13)</div> <div>GEMTEX (11) (1)</div>
<b>MNTAT (103)</b> <b>Vincent THOMY</b>	<div>COSYS (4)</div> <div>IEMN (93)</div> <div>Autres 5</div>
<b>GE (17)</b> <b>Frédéric GIRAUD</b>	<div>L2EP (17)</div>

**200 HDR**

## PhD per Institution

Institution	# students
Université de Lille (ULille)	199
Centrale Lille Institut (CLille)	66
Institut Mines Nord Europe (IMT)	22
Université Gustave Eiffel (Univ Eiffel)	4
<b>Total</b>	<b>291</b>

# GS ENGSYS: datas (2021-2022) (3/4)

Disciplinary field	Doctorate speciality
<b>MGCEM (137)</b>	<p>Génie civil(47)</p> <p>Energie, Thermique, Combustion (3)</p> <p>Mécanique des milieux fluides (20)</p> <p>Mécanique des solides, des matériaux, structures et surfaces (39)</p> <p>Mécanique, Energétique, Génie des procédés, Génie civil (28)</p> <p><b>Génie des matériaux / Biomécanique et bioingénierie</b></p>
<b>MNTAT (125)</b>	<p>Electronique, Photonique (11)</p> <p>Electronique, Microélectronique, Nanoélectronique, micro-ondes (70)</p> <p>Micro-nano-systèmes et capteurs(26)</p> <p>Acoustique (16)</p> <p><b>Systèmes optiques et photoniques (2)</b></p> <p><b>Génie des matériaux / Biomécanique et bioingénierie</b></p>
<b>GE (29)</b>	<p>Génie électrique (29)</p>

## All the new PhD recruited are funded for less than 3 years

Nature of funding D1					
Label					
Foreign association or fundation					1
Other French Ministries					1
Research contract					12
CIFRE agreement					5
Ecole Normale					2
Research institutions (ONERA, JUNIA, ...)					4
Funding on European projects or multilatéral collaboration					1
Funding from association or fundation (ISITE, ....)					4
Funding of Regional institution					5x1/2
Funding from Ministry of Research and Higher Education (MESRI)					14
Funding from national project (ANR )					4
Funding from foreign government					9
French Institution funding for foreign PhD students					4
					66

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- Agreement for PhD registration in co-accredited institution (CLille, ULille, IMT, Univ Eiffel)
  - Documents needed for an application to doctoral studies (transcripts, motivations,...)
  - Funding (proof of funding for the PhD duration)
  - Supporting letter from the proposed supervisor and agreement of the laboratory director
  - Terms and conditions of the thesis
- Agreement for the joint supervision and awarding of a double doctoral degree (co-tutelle)



# ENGYSYS Graduate School – Main missions (2/3)

**Organization of Individual Monitoring Committee (CSI)** (*mandatory each year before registration according to the new doctoral rules*)

**CSI ensures that the thesis runs smoothly**

**Doctoral trainings (with Doctoral College)**

**International mobility grants for PhD students (with Doctoral College - Institutions)**

**Agreement for the PhD defense**

**Number of required CFDs**

**PhD committee and reviewers**

**Reports by reviewers before defense**

**Organization of mediation procedure in case of particular difficulty**

## Advice

- Read your thesis charter
- Read again the terms and conditions of your thesis define in the CIF  
(*Convention individuelle de formation* – Individual convention agreement)  
– *It can be updated each year*

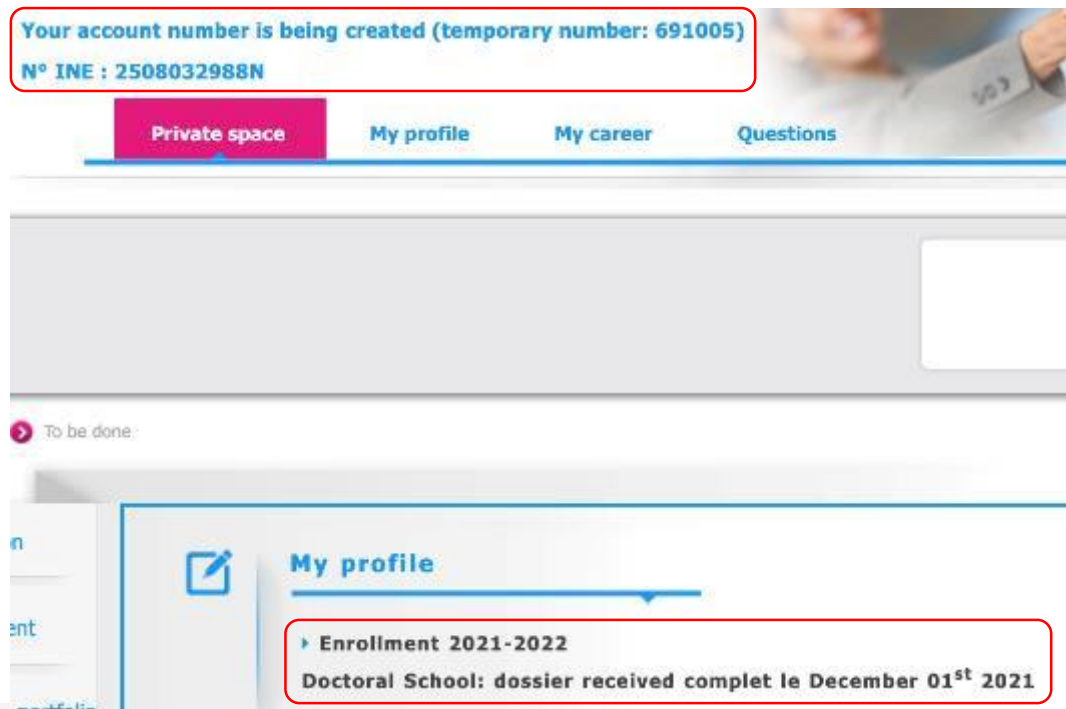
- **PhD annual registration (fees) in your institution (CLille, ULille, IMT, Univ G. Eiffel)**
- **Mobility grants for participation to doctoral trainings or conferences**
- **Registration fees for MOOC**
- **Organisation of the PhD defence**
- **Delivery of the doctoral diploma.**

## Focus on admission rules (D1) (1/4)

- Research Topic is defined by the supervisors and research unit
- Accredited supervisors (HDR) manage a limited number of doctoral students (4 supervised or 8 co-supervised students)
- Employment contract of 36 months for doctoral study is required
- Candidates are validated by ENGSYS through a well defined procedure and according to demanding academic criteria

## Focus on admission rules (D1) (2/4)

- Create a temporary ADUM ID for academic submission.
- Submit ENGYSYS registration with original signed documents : 'demande d'autorisation d'inscription', 'la charte du doctorat' and 'la convention individuelle de formation'.
- Obtain ENGYSYS agreement.



# ENGYSYS Graduate School – Main missions

## Focus on admission rules (D1) (3/4)

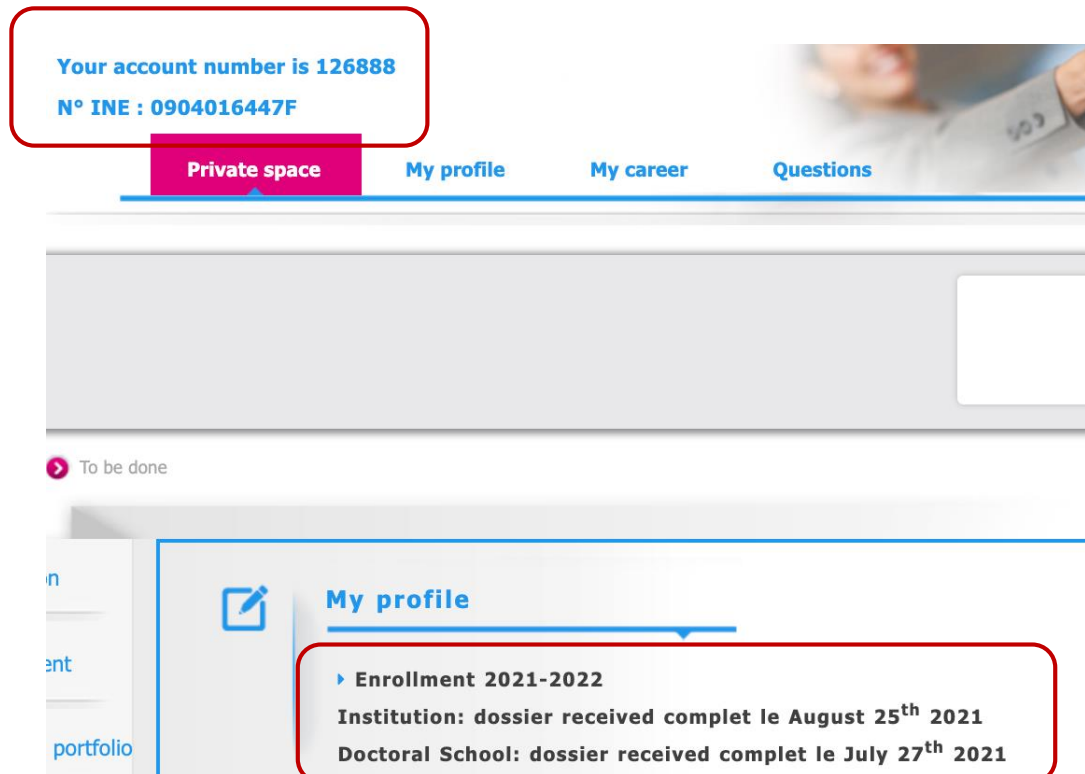
Register at your **institution**

**Pay the registration fees** and obtain your student card.



## Focus on admission rules (D1) (4/4)

Obtain your final ADUM ID from your institution



# ENGYSYS Graduate School – Registration after D1

- On line registration is adopted for all of the ENGYSYS Institutions.
  - CSI is mandatory for registration at D2 and D3
  - Obtain your student card from your institution.
  - **Registration to D4 is derogatory and must remains exceptional**
- 
- Register at training courses available via ADUM.
  - Add external training modules.
  - Build your **Portfolio** (validated courses, teaching, PhD title...).
  - Prepare your career : upload CV and scientific productions to be displayed via ADUM.



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- The number of credits (CFD) to be collected depends on the PhD type:
  - **60 CFD** including at least 20 CFD on professional training for a full time PhD student
  - **30 CFD** in three training areas for a PhD student with a joint supervision between two institutions of different countries (co-agreement or cotutelle)
  - **40 CFD** distributed in the area of thematic training and research methodology for CIFRE PhD Student
- **One course about ethics** must be followed

# ENGYSYS Graduate School – Training courses (2/5)

- All PhD students must collect a number of credits following their participation in doctoral training in the three areas :
  - Thematic training (summer schools, master classes, training courses organized by the laboratory or ENGYSYS, technical courses) (# 20 CFD)
  - Training related to language, research methodology or tools (organized by ENGYSYS or Doctoral College) (# 20 CFD)
  - Professional training (organized by Doctoral College) (# 20 CFD)
- One course about **ethics** must be followed
- ~~• 2021 : 20 CFD can be obtained by MOOC~~
- 2 hours -> at least 1 CFD.

# ENGSYS Graduate School – Training courses (4/5)

## Manage under ADUM

**You must have an ADUM account number !!**

The screenshot shows the ADUM interface with the following elements:

- Top Navigation:** Private space (highlighted), My profile, My career, Questions. A search bar on the right says "Rechercher...".
- Actualités (News):** A banner with "PHD WELCOME" and "STARTDOC 2019" (Formation pour les doctorants BSL).
- Left Sidebar:** Contact information, Display management, Competencies and portfolio, Individual training contract, Professional situation, Publications.
- My profile:** A section with a pencil icon and a list of items:
  - Enrollment 2019-2020, Institution: dossier received complet
  - Enrollment 2019-2020, Doctoral School: dossier received complet
  - Online Display
  - I want to change my password
  - Upload my CV
  - MY PHOTO - Upload my photo
  - See the Individual training contract written in 2018
  - See the Individual training contract written in 2019
- Procedures:** A section with a gear icon.
- Trainings (highlighted with a red box):** A section with a speech bubble icon and a list of items:
  - Training modules Catalogue
  - Statement of the undergone training modules
  - Training module
  - External training modules
- Administrative documents:** A section with a folder icon and a list of items:
  - Documents must be printed in portrait format.**
  - All documents and information required to follow the educational and administrative procedures for enrollment/re-enrollment must be downloaded below.
  - The documents that require signatures must be signed and, when complete, they must be given to your Doctoral School, along with the additional documents required, for processing your dossier.

# ENGYSYS Graduate School – Training courses registration using ADUM (4/5)

- **Training module list**
  - **Trainings courses offered by ENGYSYS**
    - French foreign language
    - English
    - Scientific trainings
  - **Transversal training courses offered by Doctoral College**
    - Doctors and companies
    - Training courses in English
- **Your ongoing training modules of list**
  - 3 states: Enrolment asked, Enrolment accepted, Registered and given credits.

## Declaration of **external training course** with ADUM

- **Add an external training module**
  - Master class, MOOC, summer or thematic school, Member of organization committee of conferences...
  - Give the title- category – university and city – topic
  - Add a PDF file with attendance certificate and detailed training program, so that ENGYSYS can give credits (1 CFD/ 2 hours)
- **Not validated as external training**
  - Paper presentation at conference, workshop
  - Teaching

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# D1 Individual monitoring Committee

- For all D2 registration, an Individual Monitoring Committee (D1-CSI) is set up
- At minimum the committee includes
  - To be define and validate by the ENGSYS council according to the new “décret du 26 Août 2022”
- At the end of the meeting, a collective report will be written under the authority of DED. This report is posted in ADUM



# D1 Individual monitoring Committee: Manuscript

- The PhD student provides a manuscript on its work, two weeks before the meeting to all members of the CSI.
- **This manuscript will include a minimum of 7 pages :**
  - Brief description of the thesis subject and its goals (min 1/2 page);
  - Main references - state of the art (min 1 page);
  - Progress work in accordance with goals and key results (min 3 pages). A statement of policy regarding results dissemination in terms of publications and software production;
  - Roadmap for the next two years with the expected contributions and a schedule, (min 2 pages);
  - Doctoral Training modules achieved;
  - Professional project.

# D1 Individual monitoring Committee: Review meeting

## CSI review meeting includes :

- **Presentation in 20 mn + questions.**
- **Meeting between members of CSI and the supervisor (and co-supervisors).**
- **Discussion between members of CSI (without the PhD supervision) and the PhD student.**
- **At the end of the meeting, a collective report will be written under the authority of the CSI chairman. This report is sent to the DED by email to be posted in ADUM.**

# D1 Individual monitoring Committee: Template of report

**Membres du Comité de Suivi Individuel extérieurs à l'encadrement (nom, prénom, email) :**

- ☐
- ☐
- ☐
- ☐

**Nombre sur ADUM de Crédits de Formations Doctorales (CFD) :**

	Très satisfaisant	Satisfaisant	Moyen	Pas satisfaisant
Maitrise sujet de thèse				
État d'avancement des travaux				
Politique de valorisation des résultats				
Identification des pistes de recherche				
Suivi de la formation doctorale				
Construction du projet professionnel				

**Difficultés éventuelles rencontrées et solutions préconisées :**

**Avis du CSI :**

# D1 Individual monitoring Committee: Important dates

## Planning 2023

- **CSI planning before June 15 th, 2023.**
- **CSI manuscript has to be sent 15 days before the meeting.**
- **CSI meeting before September 15th, 2023.**

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# PhD defence

- D – 9 weeks :** Student submits the committee to ENGSYS via ADUM
- D – 8 weeks :** ENGSYS checks the required CFD, publications in ADUM and gives its agreement about committee
- D – 8 weeks :** Student sends the thesis to the reviewers (and to committee members)
- D – 4 weeks :** Reviewers send their review to the Institution and ENGSYS
- D – 3 weeks :** ENGSYS Leader and Research President of the Institution give their agreement about PhD defence
- Defence :** Committee President sends the defence report to the Institution
- D + XX :** Student sends the final version of the thesis to the Institution

# Jury for full-time or CIFRE PhD

2 reviewers  
(minimum)

Must be accredited (HDR). A full professor or french research director is accredited. Foreign reviewer's CV is required.

Must be outside ENGSYS, IMT, ULille, CLille and UG Eiffel. Must be outside doctoral project. No work and paper with supervisors and PhD student during PhD duration.

From 4 to 8  
committee  
members

At least 50% of members are outside ENGSYS, IMT, ULille, CLille and UG Eiffel. At least 50% of members are outside doctoral project. All members must be PhD.

At least 50% of Full Professor or equivalent (Research Director in France).

Member categories: 1 or 2 supervisors (registered at ADUM), 2 reviewers and examiners

At least 1 member of each gender for a committee with 4, 5 or 6 members.  
At least 2 members of each gender for a committee with 7 or 8 members.

All the members can participate via video-meeting (specific agreement).

# Jury for co-agreement with foreign institution

2 reviewers  
(minimum)

Must be accredited (HDR). A full professor or french research director is accredited. Foreign reviewer's CV is required.

Must be outside ENGSYS, IMT, Ulille, Clille, UGE **and the foreign institution**. Must be outside doctoral project. No work and paper with supervisors and PhD student during PhD duration.

From 4 to 8  
committee  
members

At least 50% of members are outside ENGSYS, IMT, ULille, CLille, UG Eiffel **and the foreign institution**. All members must be PhD.

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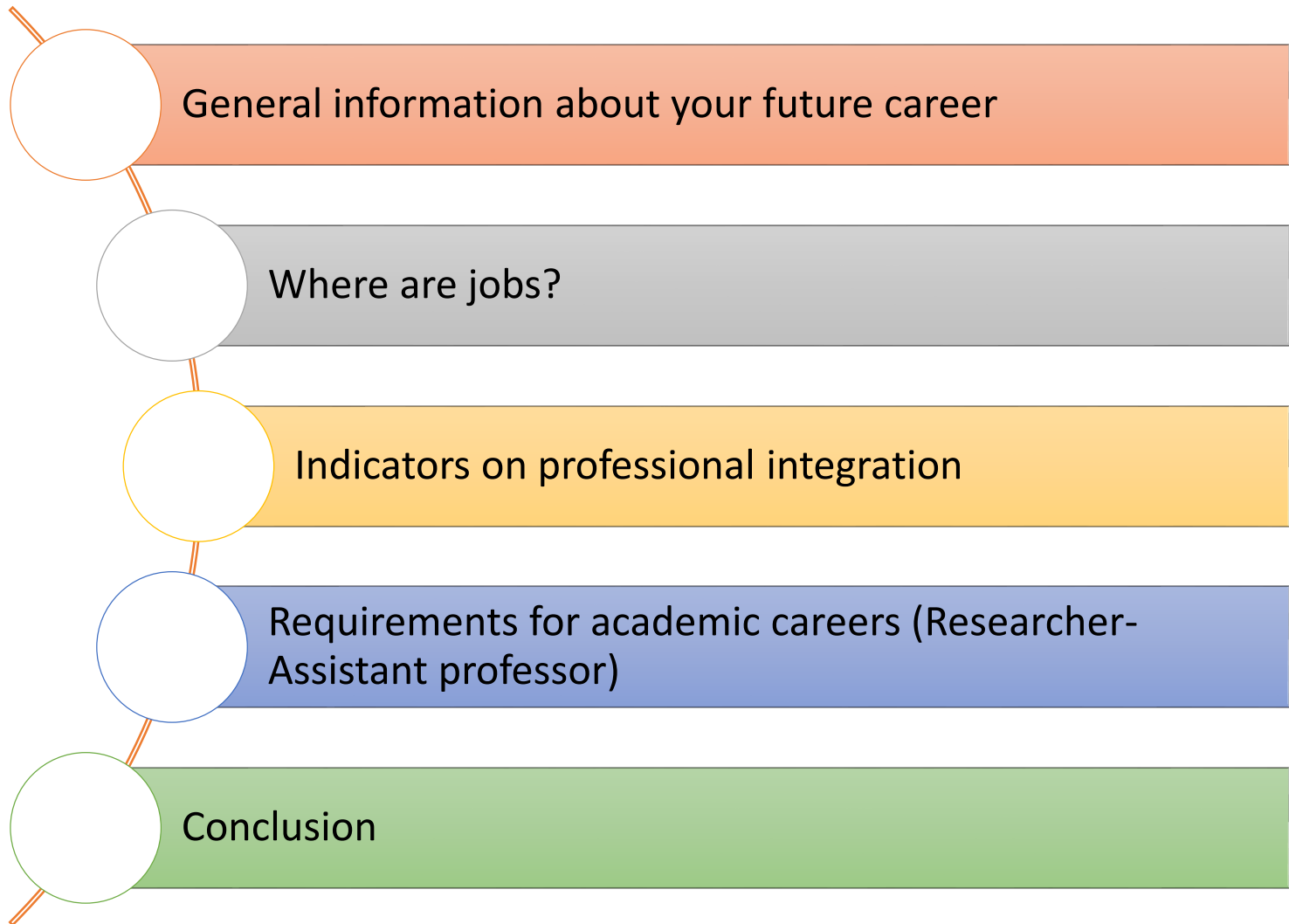
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# What to do after the thesis ?

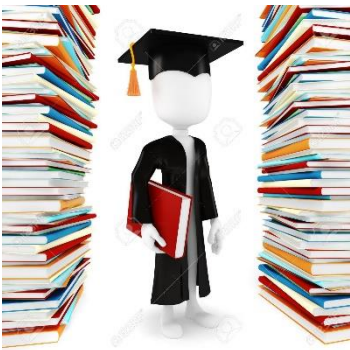


# After PhD: Build your professional career

The day after

Tomorrow

Today

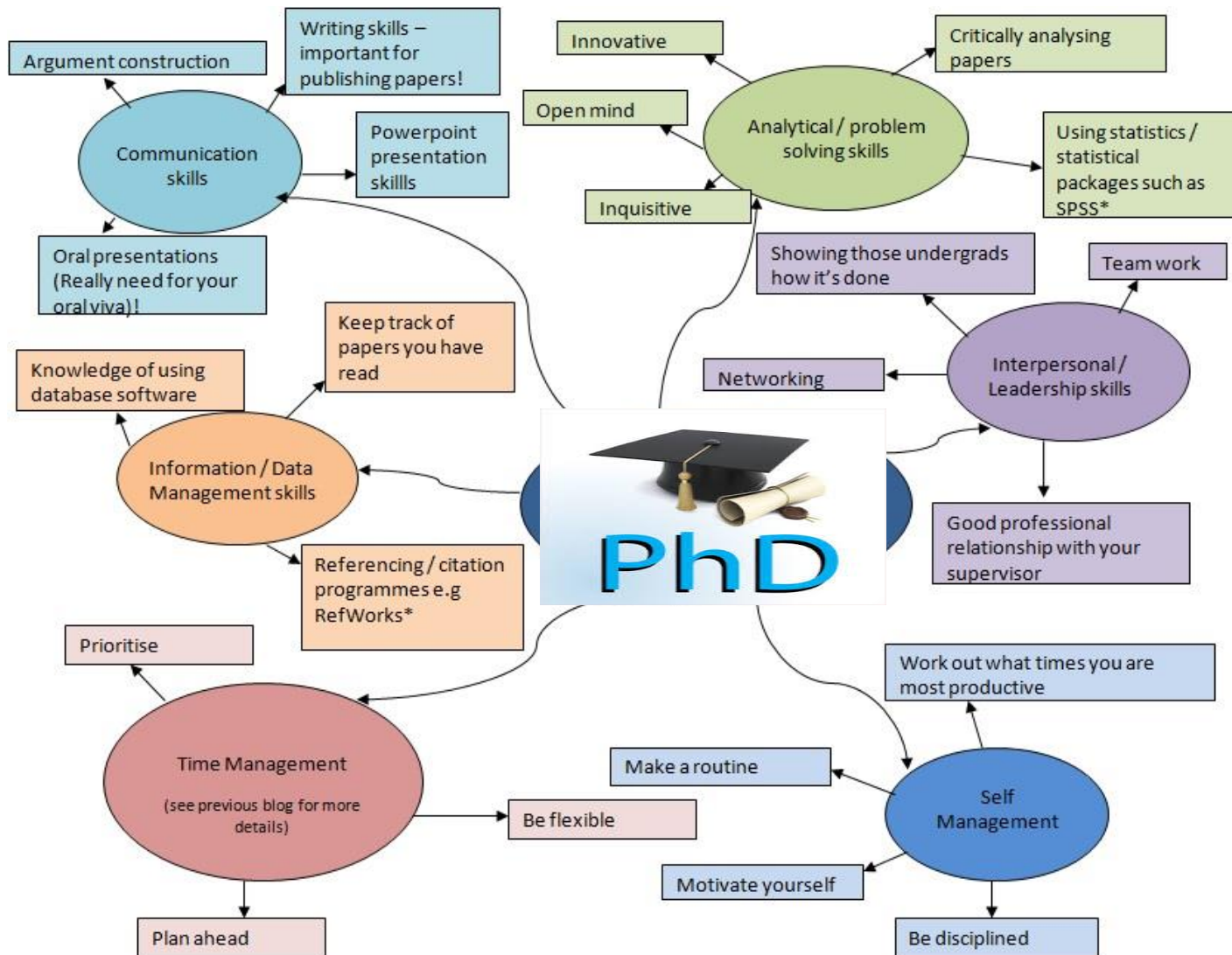


Inquiry

Prepare

Get started

# Skills after a successful PhD

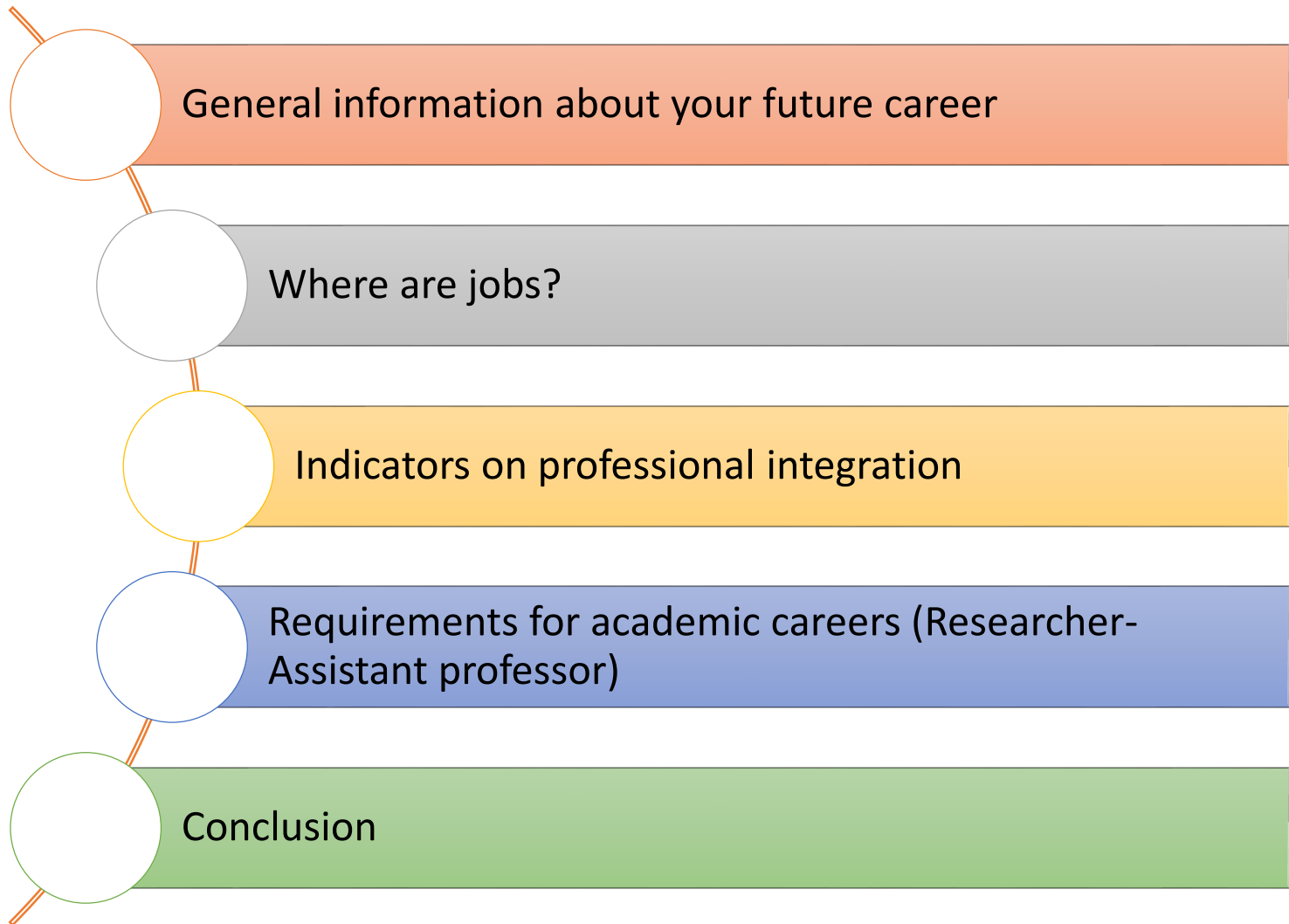


# How useful is/having a PhD in 2022

It's useful now as it's ever been

Needs of young women and men with high skill to get out of the current issues





# Where are the jobs for PhD ?



Innovation and continuous progress are needed to achieve global climate goals



# Where are jobs for PhD?

Private – Industry sector  
# 60 %

Public – Academic  
sector # 40%

Doctoral training will  
help you to make your  
choice

## 02 Effectifs de l'emploi scientifique par secteur et type d'établissement en 2015

	en ETP recherche			en %	
	Chercheurs*	Personnels de soutien	Ensemble = effectif total de R&D	Chercheurs*	Ensemble
<b>Secteur des entreprises</b>					
Industrie manufacturière	105 495	65 883	171 378	38,0	40,0
Primaire, énergie, construction	5 781	4 188	9 969	2,1	2,3
Services	54 568	15 528	70 096	19,7	16,4
<b>Total secteur des entreprises</b>	<b>165 845</b>	<b>85 599</b>	<b>251 444</b>	<b>59,7</b>	<b>58,7</b>
<b>Secteur des administrations</b>					
<b>Secteur de l'État</b>	<b>47 307</b>	<b>33 593</b>	<b>80 900</b>	<b>17,0</b>	<b>18,9</b>
Ministères et autres établissements publics (EPA)	1 075	765	1 840	0,4	0,4
EPST	30 550	25 844	56 394	11,0	13,2
EPIC	15 682	6 983	22 665	5,6	5,3
<b>Secteur de l'Enseignement Supérieur</b>	<b>60 760</b>	<b>28 233</b>	<b>88 993</b>	<b>21,9</b>	<b>20,8</b>
Universités et etab. d'ens. supérieur sous tutelle du MESRI	50 354	17 734	68 089	18,1	15,9
CHU-CLCC	6 036	9 161	15 197	2,2	3,5
Étab. d'ens. supérieur hors tutelle du MESRI	4 370	1 338	5 707	1,6	1,3
<b>Secteur des ISBL**</b>	<b>3 720</b>	<b>3 587</b>	<b>7 307</b>	<b>1,3</b>	<b>1,7</b>
<b>Total secteur des administrations</b>	<b>111 787</b>	<b>65 412</b>	<b>177 199</b>	<b>40,3</b>	<b>41,3</b>
<b>Total France</b>	<b>277 631</b>	<b>151 011</b>	<b>428 643</b>	<b>100,0</b>	<b>100,0</b>

\* yc ingénieurs de recherche et doctorants financés.

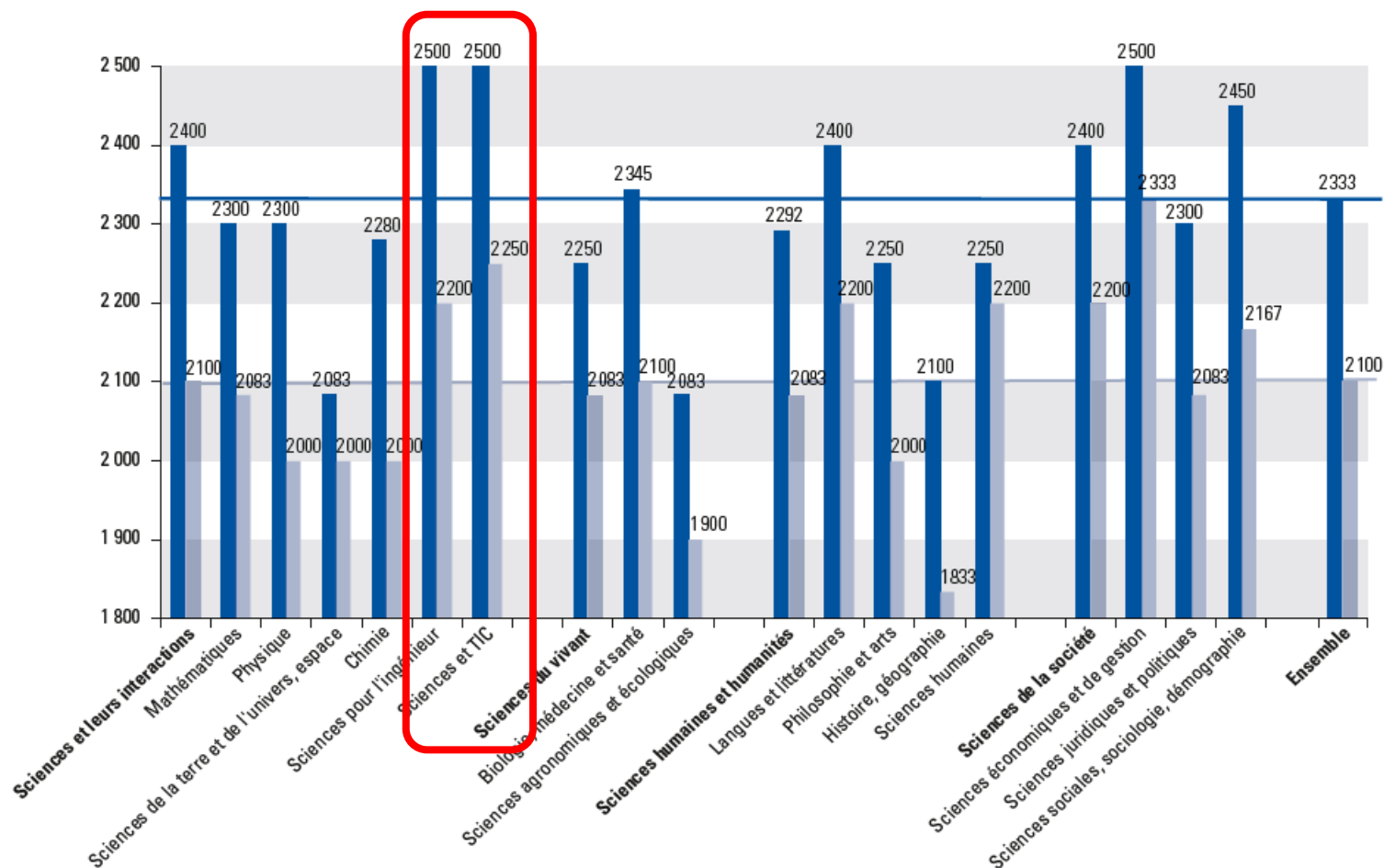
\*\* Institutions sans but lucratif.

Source : MESRI-SIES (enquête R&D).

# Average salaries

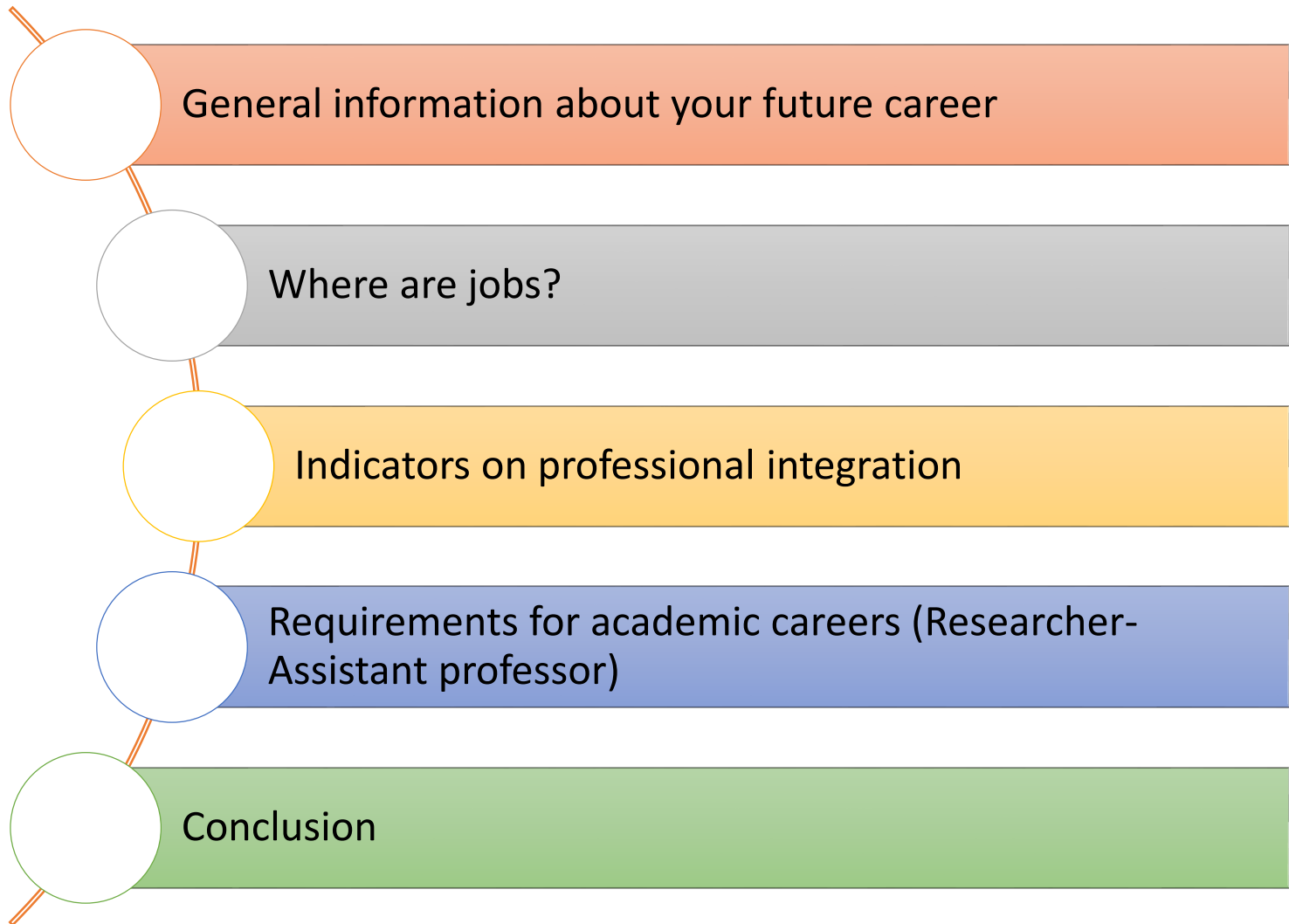
Salary  
(without taxes)

Executive (senior) type job



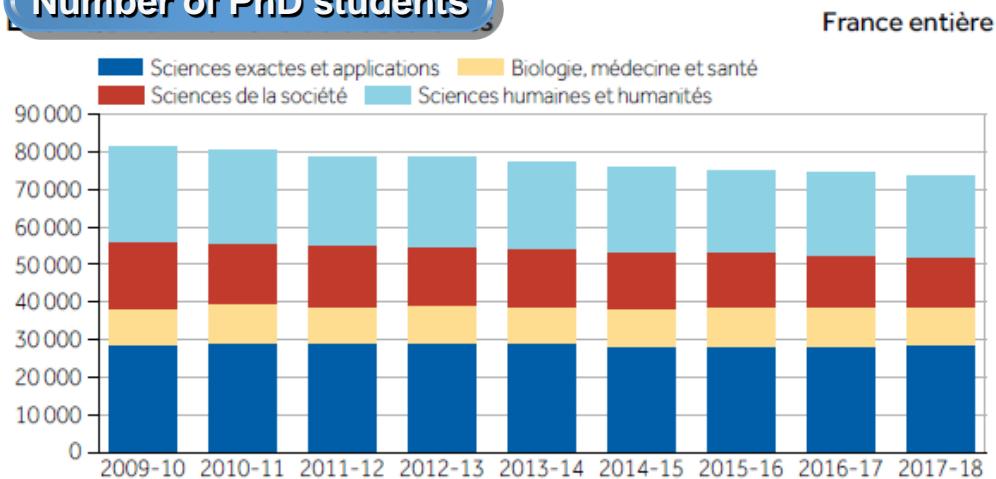
■ Salaire à 36 mois   ■ Salaire à 12 mois  
After 3 years   After 1 year

Source : Enquête IPDoc 2015 - MESRI-SIES



# Some indicators about PhD in France

## Number of PhD students



Source : MESRI-DGESIP/DGRI-SIES.

## Good news

About 80 % of thesis are funded

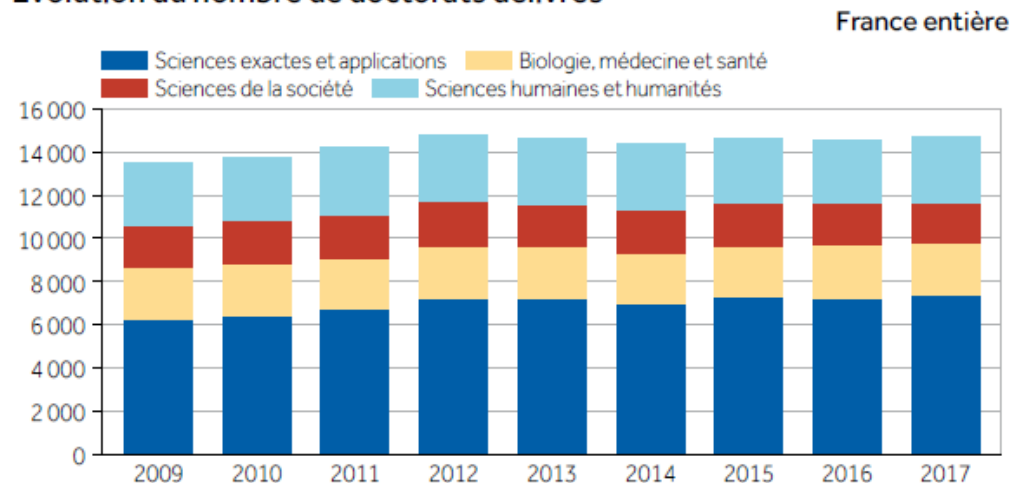
(100% for scientific domains)

Exact sciences and applications

Social sciences

Humans and humanities sciences

## Évolution du nombre de doctorats délivrés



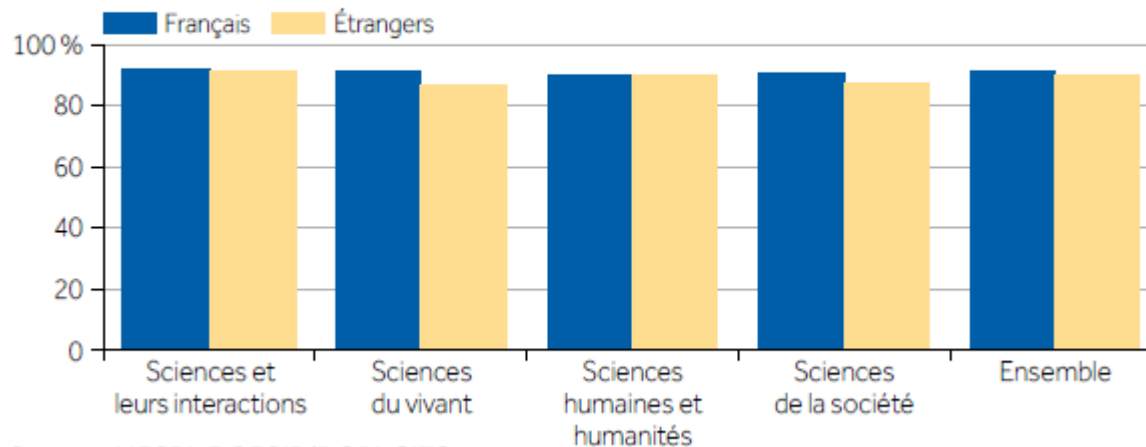
Source : MESRI-DGESIP/DGRI-SIES.

Source IDEa 2021

# Some indicators about PhD in France

## Professional integration rate

Taux d'insertion des docteurs de nationalité française et étrangère  
par discipline 36 mois après leur diplôme de doctorat (en %) France entière



Source : MESRI-DGESIP/DGRI-SIES.

**1yr after thesis:**  
More than 85% are  
in employment

**3yrs after:**  
more than 90%

# Some indicators about PhD at Lille University

Focus on data for  
I-Site University of Lille North of Europe (ULNE)

Source : Observatoire de la Direction  
des Formations (ODiF) de l'Université  
de Lille, n°47, Novembre 2021

## CHARACTERISTICS OF 2017 PHDs

	for Isite UINE		% for Engineering sciences	
Gender				
Female	182	42%	24%	
Male	251	58%	76 %	
Nationality				
French nationality	247	57%	40%	54 countries
Foreign nationality	186	43%	60%	
PhD graduates in 2017				
Total for I-Site ULNE	433	100%	135 / 31%	
median age		29 years old	28 years old	
average age		31 years old	29 years old	

Response rate: 68%

*Engineering Sciences: Mechanics - mechanical engineering - engineering  
mechanical engineering, civil engineering, computer science, electronics - electrical engineering - EEA*

# Some indicators about PhD at Lille University

Focus on data for  
I-Site University of Lille North of Europe (ULNE)

Source : Observatoire de la Direction  
des Formations (ODiF) de l'Université  
de Lille, n°47, Novembre 2021

Emploiment conditions				
	rate of employment at executive level	rate of permanent employment	post-doctoral employment rate	median net monthly income
For Engineering sciences	99%	72%	16%	2 508 €
Total For I-Site ULNE	96%	72%	14%	2 500 €

JOB LOCATION					
	MEL	Hauts de France without MEL	Ile de France	Other regions	other countries
For Engineering sciences	25%	8%	12%	17%	38%
Total For I-Site ULNE	28%	9%	12%	21%	30%

# Some indicators about PhD at Lille University

## Focus on data for I-Site University of Lille North of Europe (ULNE)

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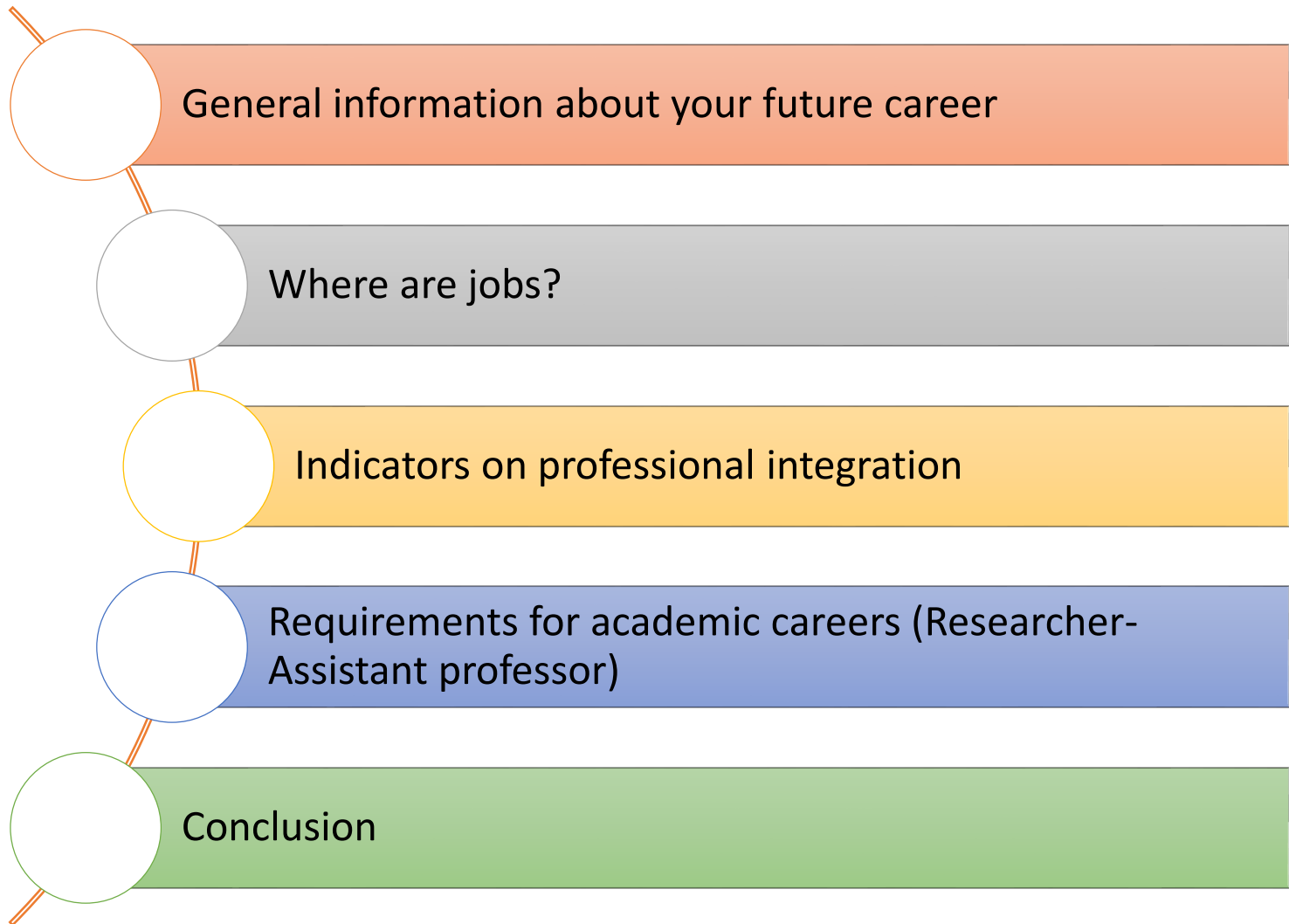
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# Opportunity for PhD studies

*Source : Observatoire de la Direction  
des Formations (ODiF) de l'Université  
de Lille, n°47, Novembre 2021*

LEVEL OF SATISFACTION WITH THE JOB OCCUPIED				
	Very satisfied	Satisfied	Unsatisfied	Very Unsatisfied
Professional situation in general	41%	51%	7%	1%
Suitability of job / doctorate	40%	44%	10%	6%
Perspectives of evolution or opportunities	39%	40%	16%	5%
Openness (international, interdisciplinary...) brought by the activities	36%	47%	15%	2%
Salary	20%	53%	18%	9%



# Academic career in France

## Public sector and research acronym

- Type **EPST** (Établissement public à caractère scientifique et technologique) : **CNRS** · INED · INRAE · INRIA · INSERM · IRD
- Type **EPA** (Établissement public à caractère administratif en France) : IGN · IHEST · Météo-France
- Type **EPIC** (Établissement public à caractère industriel et commercial en France): ADEME · BRGM · CEA · CIRAD · CNES · CSTB · Ifremer · LNE · ONERA
- Type **EPSCP** (Établissement public à caractère scientifique, culturel et professionnel): **Universités** · Ecoles ingénieur

# Typical jobs in public sector (Focus on France)

## Non permanent position

A.T.E.R.

In relation with University – Research and teaching -  
**you can apply to the call during your 3<sup>rd</sup> year thesis**

Post-Doc

In relation with Research Lab- You can apply only  
after thesis defense – **Reply to job offers**

MDC

Assistant professor with University – Research and  
teaching

Gross Salary: from 2221 € to 4999 €

## Permanent position

CR

Chargé de Recherche – Researcher with  
EPST/EPA/EPIC

Gross Salary: from 2300 € to 4740 €

IR

Ingénieur de Recherche – R&D with EPST/EPA/EPIC

Gross Salary: from 2038 € to 4999 €



60

# Researchers with CNRS – Situation in France

Open position during the last 5 years

En 2010,  
le CNRS recrute **400**  
chercheurs (f/h)

dans tous les domaines scientifiques :

Mathématiques  
Physique  
Physique nucléaire  
et hautes énergies  
Sciences chimiques  
Sciences pour l'ingénieur  
Science et technologie de l'information  
et de la communication  
Sciences de la planète et de l'univers  
Sciences de l'environnement  
et développement durable  
Sciences du vivant  
Sciences de l'homme et de la société

En 2013  
le CNRS recrute **307** chercheur-e-s

• sciences biologiques  
• chimie  
• sciences de l'environnement et écologie  
• sciences humaines et sociales  
• sciences de l'information  
• sciences de l'ingénierie et des systèmes  
• mathématiques  
• physique  
• physique nucléaire et des hautes  
énergies  
• sciences de la planète et de l'univers

2019: 250 open  
positions

En 2012,  
le CNRS recrute **330**  
chercheur-e-s

dans tous les domaines scientifiques

• sciences biologiques  
• chimie  
• sciences de l'environnement et écologie  
• sciences humaines et sociales  
• sciences de l'information  
• sciences de l'ingénierie et des systèmes  
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• physique nucléaire et des hautes  
énergies  
• sciences de la planète et de l'univers

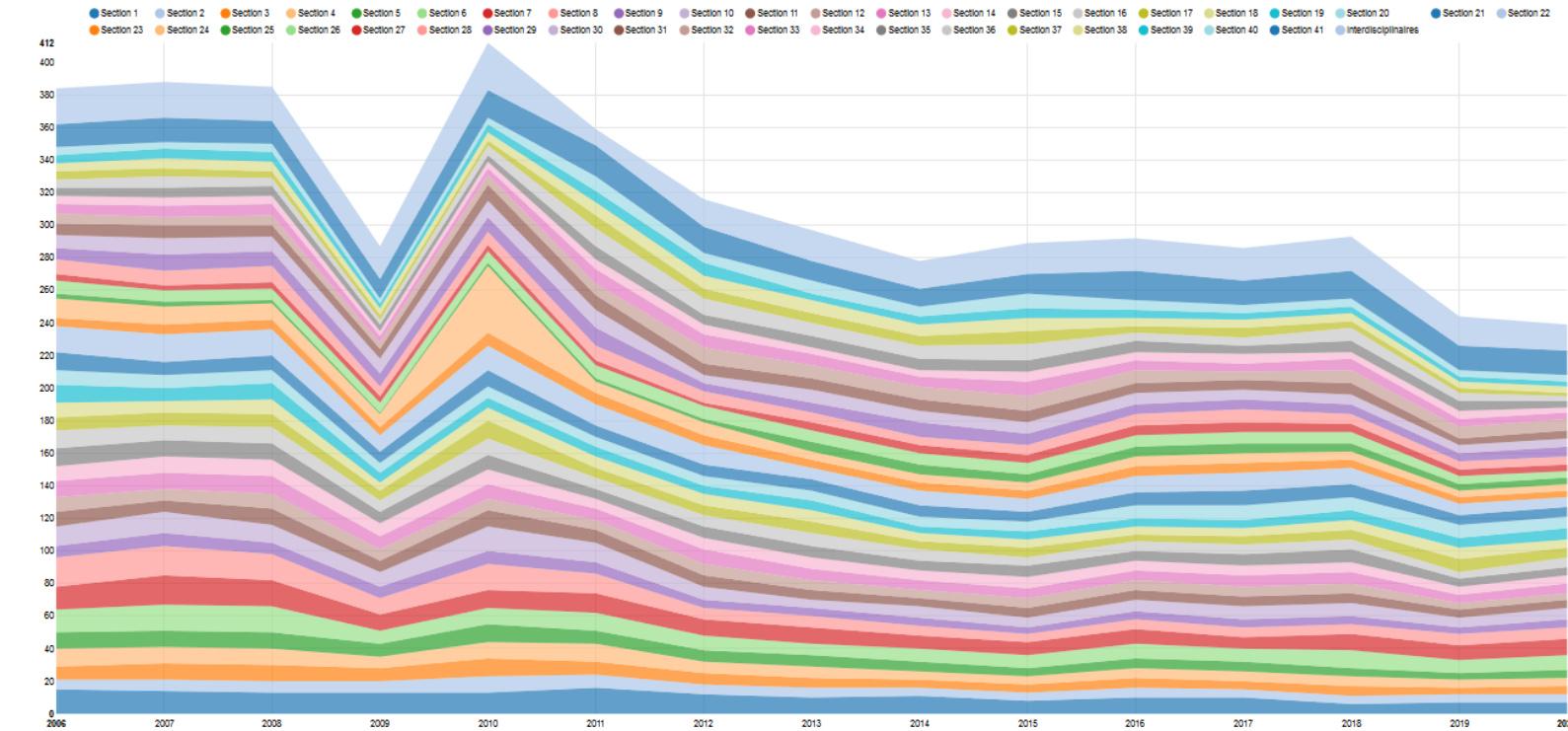
En 2014, le CNRS recrute  
**300** chercheurs (h/f)  
dans tous les domaines scientifiques

Biologie  
Chimie  
Écologie & Environnement  
Homme & Société  
Ingénierie & Systèmes  
Mathématiques  
Nucléaire & Particules

To be compared with more than 12 000  
thesis/year + open to international recruitment

# Researchers at CNRS – Situation in France

## Open position during the past years



About 4 to 6 positions /sector !!!

# Researchers at CNRS – How to apply

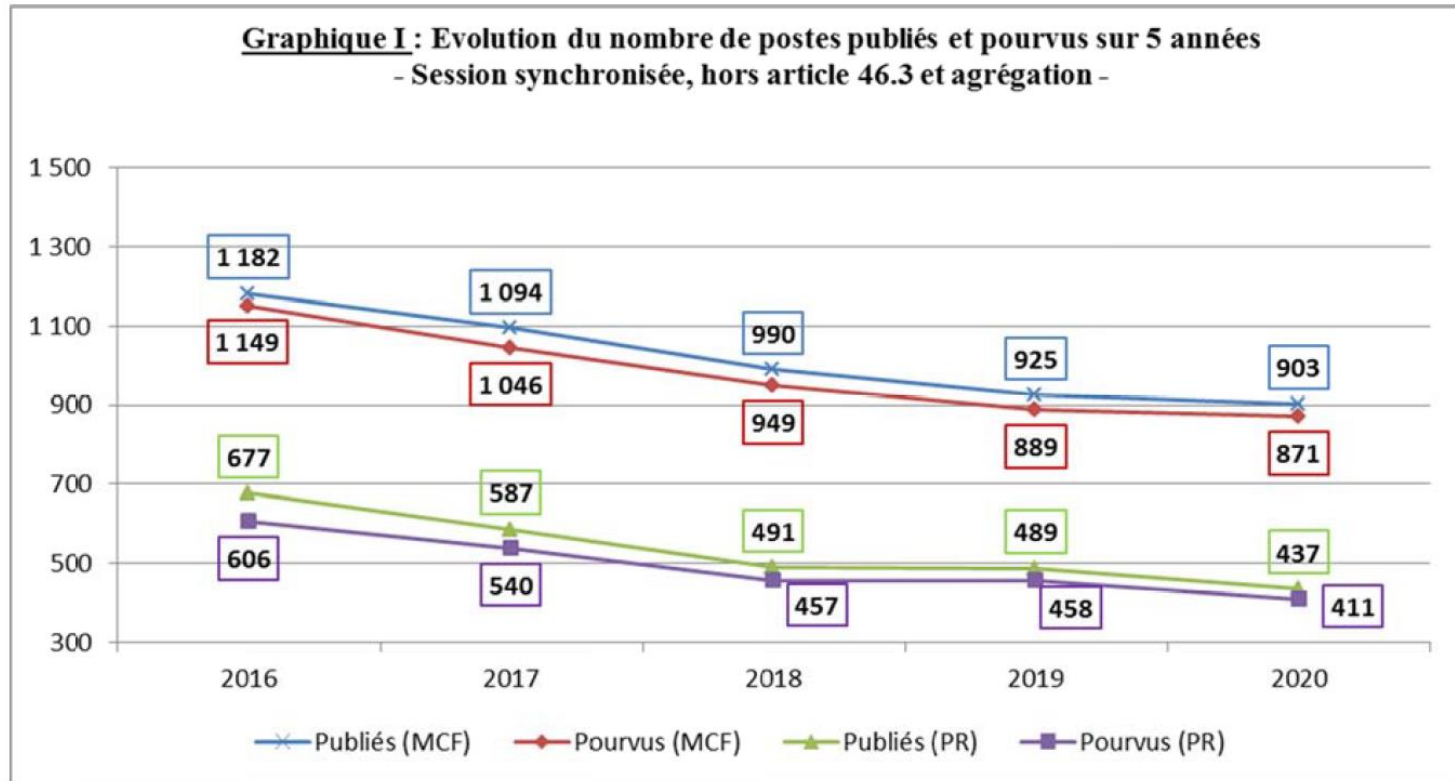
## How to apply to open positions ?

- **PhD and post-docs**
- **Publication requirements:**  
A high number, with high impact factor
- **Propose a Research project in relation with a Lab of CNRS**

Interview with a committee

# Assistant professor – Situation in France

## Open position during the last 5 years



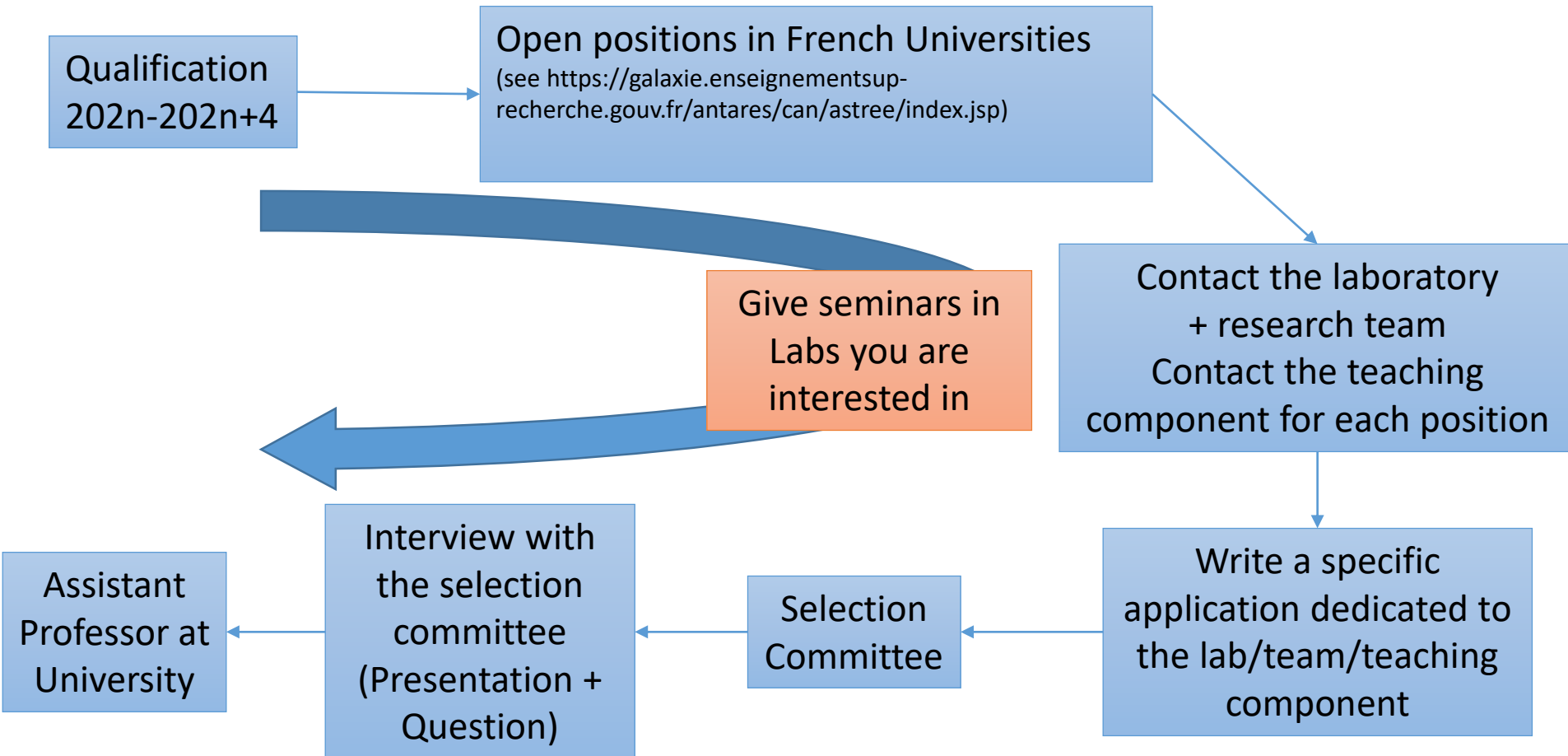
To be compared with more than 12 000 thesis/year



# How to apply as Assistant Professor

## Practical information about recruiting process

**A long process ...**



# How to apply as Assistant Professor

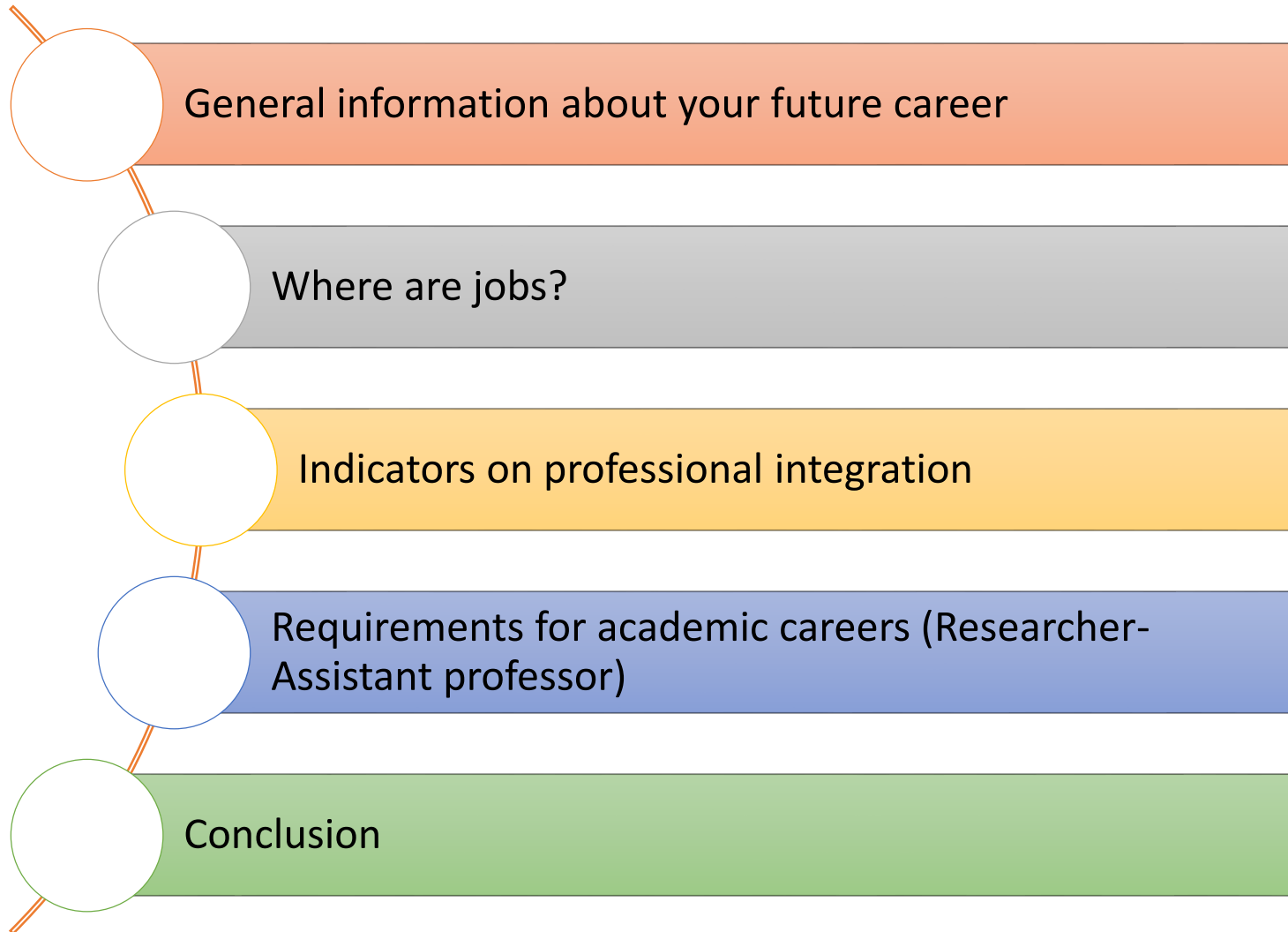
## Practical information about qualification

### Example of section 63

- **PhD with very good reviews**
- **Publication** (minimum):  
1 paper as first author in a good international journal referenced by Journal Citation Report (JCR)
- **Teaching experience in higher education**  
Minimum 64H with students



**Validity of the qualification: 4 years**



# How useful having a PhD today?

It is more necessary than ever to train young people

On a absolument besoin que beaucoup de jeunes fassent de la science.

On ne se sortira pas des problèmes actuels si on n'a pas des jeunes gens et jeunes filles qui s'engagent dans cette voie



***Alain Aspect*** – Nobel prize of Physics 2022

*We definitely need a lot of young people doing science.*



*We will not get out of the current problems if we do not have young men and women who are committed to this path*

DECIDE FOR YOUR  
FUTURE CAREER

THANK YOU



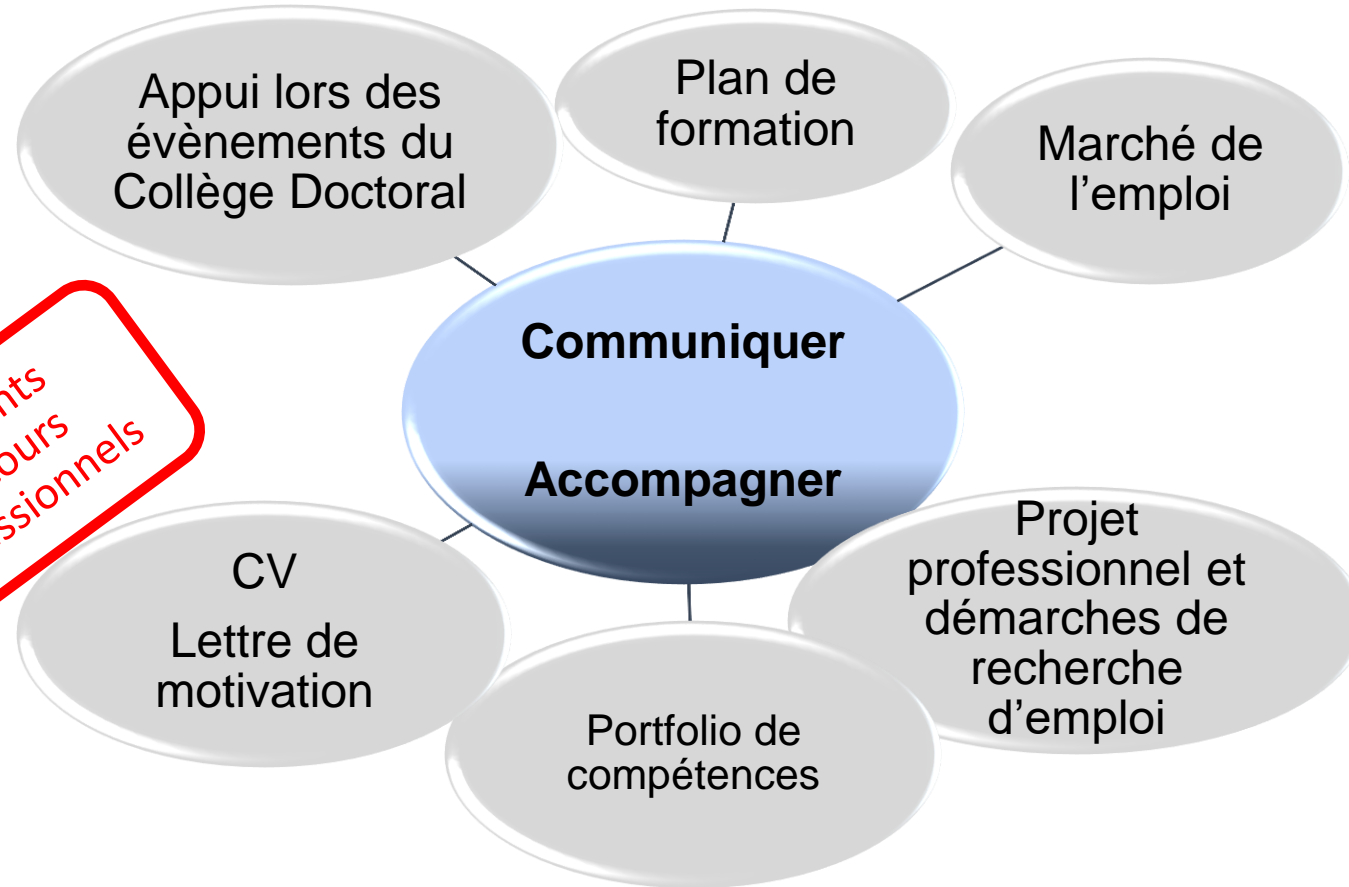


Ludovic DESPLANQUE  
MCF, IEMN



Walter LHOMME  
MCF HdR, L2EP

Référents  
Parcours  
Professionnels



A Lille Grand Palais | Le 7 décembre 2021

Un événement organisé par :



En partenariat avec :



Avec le soutien de :



# ENJOY YOUR PHD