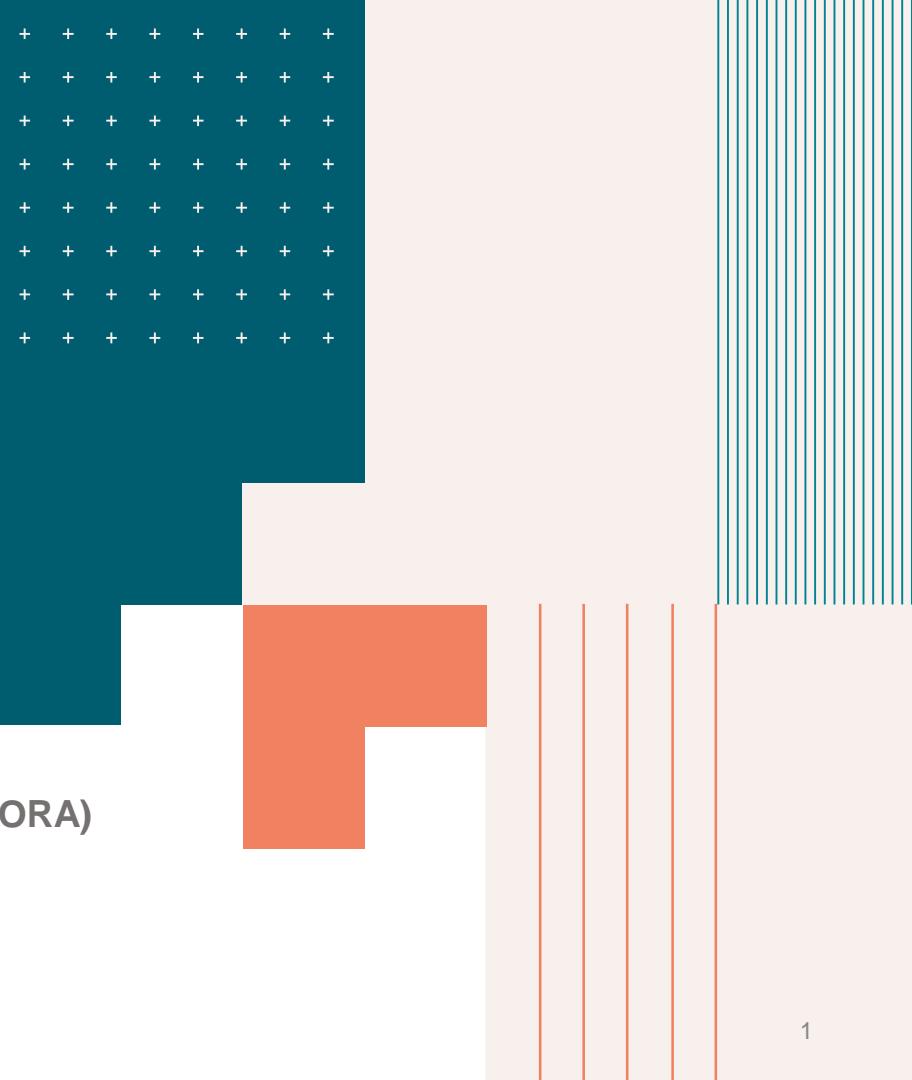


Welcome Day – INSA LYON Ph.D. Students

Khalid Lamnawar (Professeur, Directeur de FEDORA)

28/01/2026



Outline/Program



13:30–13:45

Welcome address – DR. Marie-Christine Baietto, Director of Research & Innovation

13:45–14:10

FEDORA presentation – Prof. Khalid Lamnawar, Director

14:10–14:30

Student support and management in INSA– Mylène Dollinger

14:30–14:45

Scientific Integrity / Open Sciences/ Ethics & AI in research, Prof. Bruno Allard

14:45–15:00

Coffee break ☕

Outline/Program

15:00–16:00

Alumni testimonials

- Dr. Maxime DOOMS, Ing. PhD 2017, currently “Coordinator of the NCP Environment – Horizon Europe – Bio & Environment”- Ministry of Higher Education and Research
- Dr. Anne-Sophie POUDREL, Ing. PhD 2022 , currently Assistant Professor at INSA Lyon
- Dr. Xavier Morelle, Master-PhD 2023 with strong international experience, currently CNRS-INSA Lyon Research Fellow

Outline/Program

16:00–17:00

Networking buffet & information booths:

- *INSA Academic Services (DAFORAE)*
- *Disability Support Office*
- *UDL Career Center*
- *ULYS Space – EURAXESS Lyon*
- *Marie Curie Library*
- *Doctoral Schools representatives*
- *FEDORA Services*



Introduction – Why a Ph.D. curriculum?

01



What is a PhD? – Key Facts

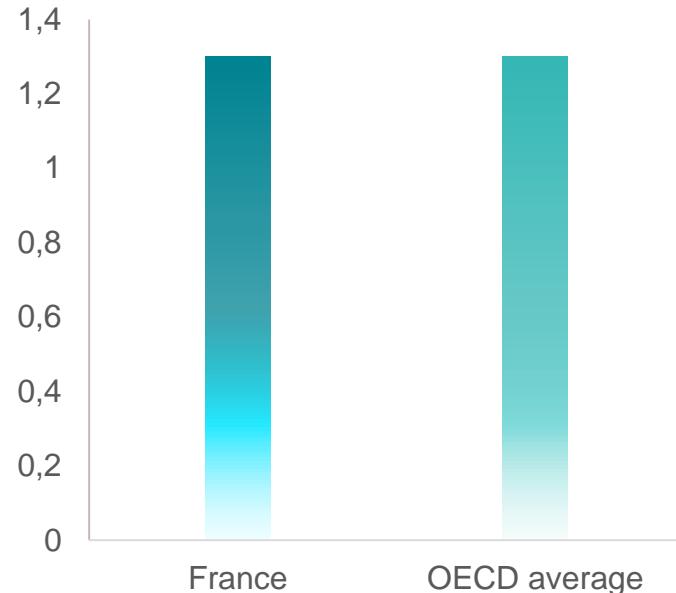
- Highest academic degree worldwide
- Full-time research project (3–4 years)
- Paid research position in most countries
- Original contribution to knowledge

France & OECD key figures:

- ~70,000 PhD candidates in France (2023)
- ~15,000 PhD degrees awarded each year
- ~1.3% of adults hold a PhD in OECD countries

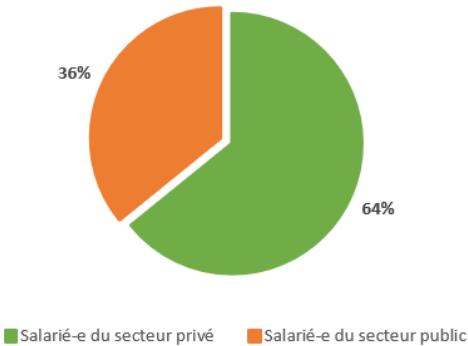
The screenshot shows a web browser window with the URL www.oecd.org. The main content area features a press release from Australia: "In 2026, Consolidating the budget, increasing competition, improving housing affordability and achieving longer-term climate goals would help sustain Australia's high living standards." Below this, there is another press release from Portugal: "Portugal: Improving public spending efficiency, skills and housing policies would boost the economy and living standards". At the bottom of the page, there is an "About the OECD" section with the following text: "The OECD (Organisation for Economic Co-operation and Development) is a forum and knowledge hub for data, analysis and best practices in public policy. We work with over 100 countries across the world to build stronger, fairer and cleaner societies – helping to shape better policies for better lives." A "Learn more about the OECD" link is also present.

SHARE OF PHD HOLDERS (%)



Ph.D. studies: how and why?

Répartition secteur privé / secteur public



- **~36% of the Ph.D. awardees in public academic research, ~64% in companies**
- **69% h. versus 31% f. in 2023/2024.**
- **RNCP form (National Registry of Professional Certification) : acknowledgment of the specific skills of Ph.D. holders, notably for companies**

(INSA Lyon survey on the professional integration of Ph.D. graduates - class of 2019)

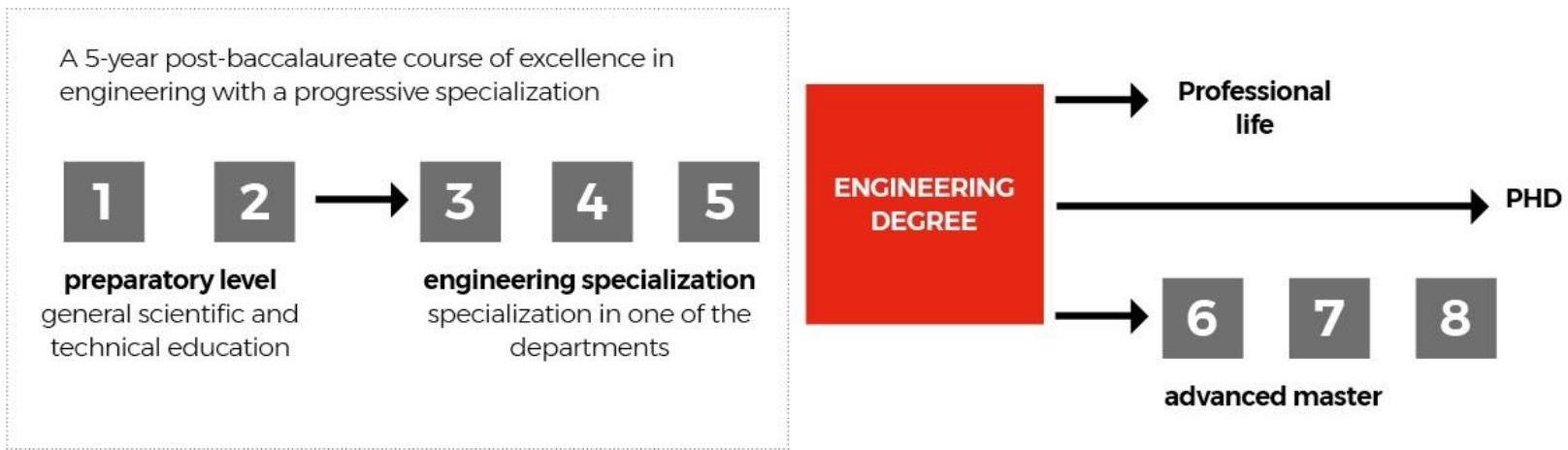
Update up to 15 February 2026 for (2021-2025)

<https://www.teepublic.com/>

- **Significative difference in the middle of the professional life**
- **Political actions to promote the Ph.D. in companies: CIR (tax refund)**
- **Network aspects:** facilitated access to specific and big scientific that are mastered, and to sharp expertise



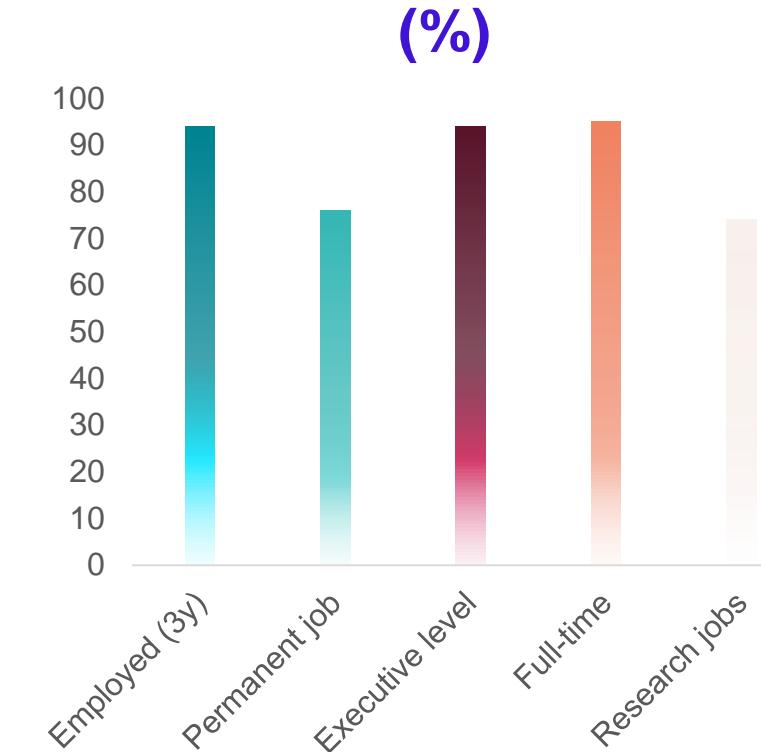
EDUCATION SYSTEM



The screenshot shows a web browser window with the following details:

- Title Bar:** The tab is titled "Insertion professionnelle des diplômés de doctorat".
- Header:** The page is from "data.enseignement-sup-recherche.gouv.fr" and includes the "OPENDATA" logo.
- Content:**
 - Section:** "Insertion professionnelle des diplômés de doctorat - données nationales sexuées par disciplines détaillées – Enquête IP Doc".
 - Filters:** "Année d'obtention" (2016, 2014), "Situation" (12 mois après le diplôme, 36 mois après le diplôme), and "Discipline principale agrégée" (Ensemble, Ensemble Sciences de la société, Ensemble Sciences du vivant).
 - Text:** A detailed description of the survey, mentioning the 2012 survey, the 2016 survey, and the 2017 survey.
 - Information:** "Le taux d'insertion est défini comme étant le pourcentage de diplômés occupant un emploi, quel qu'il soit, sur l'ensemble des diplômés présents sur le marché du travail. Il est calculé sur les diplômés de 2014 et 2016 quel que soit leur nationalité, leur âge et leur lieu de résidence une fois le diplôme obtenu."
 - Bottom:** A search bar and a taskbar with various icons.

Professional insertion of PhD graduates in France (latest official data)



IPDoc national survey – PhD Class of 2020 (by MESR–SIES):

- 94% employed three years after graduation
- 76% in permanent positions (CDI or equivalent)
- 94% in executive-level positions
- 95% working full-time
- 74% of employed PhDs work in research (public or private)

References

- French Ministry of Higher Education & Research (MESR – SIES)
IPDoc national survey of PhD graduates – Class of 2020
Published 2024–2025
- OECD – Education at a Glance
- Nature – Global PhD and research career trends
- World Population Review – Doctorates awarded by country
- Decree n°2016-1173 of 25 May 2016 governing doctoral training in France

Ph.D.: outcomes

The screenshot shows the Arkema website under the 'CARRIERS' section. A sub-section for 'Thésards' (Ph.D. students) is highlighted. The main heading is 'Préparer une thèse chez Arkema'. Below it, a text box states: 'Vous êtes thésard et votre travail de recherche concerne les activités du Groupe ? Il est temps de faire connaissance !'. Another text box below says: 'Chez Arkema, nous encourageons l'innovation et la recherche pour développer la chimie de demain. C'est pourquoi chaque année plusieurs étudiants réalisent leur thèse au sein de l'entreprise.' A section titled 'Qui vient faire sa thèse chez Arkema ?' is also present.

<https://www.arkema.com/global/fr/careers/future-graduates/phd-graduates/>

The screenshot shows a news article from 'Les Echos' with the title 'Le doctorat, enfin un passeport pour l'entreprise ?'. The text discusses how companies have become increasingly aware of the value of PhDs in various disciplines, recognizing that innovation is key to success. A quote from Christelle Ventura, Director of Adoc Talent Management, is included: « Over the past ten years, companies have become increasingly aware of the added value of Ph.D. in all disciplines. They now realize that innovation, which largely determines their success in the marketplace, depends on the presence of PhDs in their teams. »

<https://www.lesechos.fr/2018/01/le-doctorat-enfin-un-passeport-pour-lentreprise-981599>

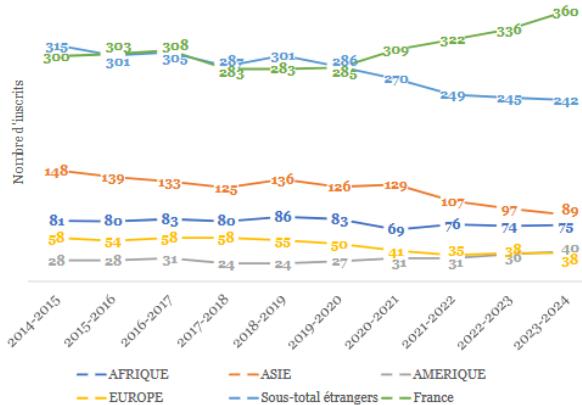
The logo for 'PROGRAMME JEUNES CHERCHEUR·SES STARTUP' is shown next to the text 'PULSALYS'.

<https://www.pulsalys.fr/article/programme-jeunes-chercheuses-special-startup>

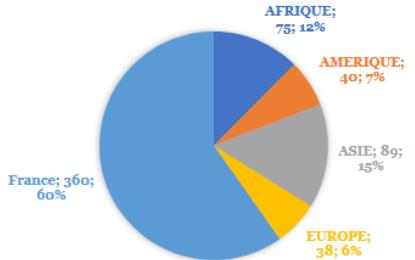
The screenshot shows the Okay Doc website with a purple header and a white section titled '10 bonnes raisons de faire un doctorat'. Below it, a smaller section says '10 bonnes raisons de faire un doctorat'. The bottom of the screen shows a taskbar with the Okay Doc logo.

<https://okaydoc.fr/10-bonnes-raisons-de-faire-un-doctorat/>

PhD: International reference



(a)



(b)

INSA INSTITUT NATIONAL DES SCIENCES AGRICOLES, VITICOLE ET ALIMENTAIRES

BILAN STATISTIQUES 2023
DOCTORANTS & PARCOURS RECHERCHE
DOCTEURS & H2R 2023

DÉPARTEMENT FEDORA
FORMATION EN RECHERCHE
ET LES STAGES DOCTORAUX

Faut-il faire un doctorat ?

LE MONDE pour Le Monde.fr | 30.03.2011 à 09h05 • Mis à jour le 30.03.2011 à 09h18 |

Par Anne Dhoquois



"Le vrai diplôme universel, celui qui montre que l'on a réalisé un travail original, que l'on a fait avancer la science, qui a été validé par des personnalités extérieures, c'est le doctorat", défend Cédric Villani, mathématicien français qui a reçu en 2010 la médaille Fields en Inde. | REUTERS/STRINGER/INDIA

"Le diplôme de référence dans le monde, c'est le doctorat américain, le PhD, pas les ingénieurs, formation sur laquelle s'appuyaient beaucoup les entreprises françaises. Or, nous sommes dans une économie de la connaissance; la compétition s'opère sur la capacité des entreprises à développer leur innovation et leur recherche." Martine Pretceille, directrice de l'Intelli'agence et professeur des universités (ex-Association Bernard Grégoire), fondée en 1980 pour faciliter l'intégration professionnelle des docteurs, est formelle: "Ceux qui ont l'expertise pour travailler dans ce domaine, ce sont les docteurs y compris en sciences humaines et sociales. Le saut qualitatif sur le plan cognitif entre un master et un

PhD framework in France – 2016 Decree

French Decree of 25 May 2016 – key principles:

Status:

- PhD candidate is a professional researcher-in-training
- Doctorate is a national degree recognized internationally

Funding:

- Mandatory funding for full-time PhD students
- Employment contract with full social protection

Training:

- Research-based training + transferable skills
- Career development and professional integration preparation

Supervision & quality assurance:

- Clear definition of supervisory responsibilities
- Individual monitoring committees (CSI)

Legal framework:

- Doctoral Charter signed by all parties
- National harmonization of doctoral standards

Décrets, arrêtés, circulaires

TEXTES GÉNÉRAUX

MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA RECHERCHE

Arrêté du 26 août 2022 modifiant l'arrêté du 25 mai 2016 fixant le cadre national de la formation et les modalités conduisant à la délivrance du diplôme national de doctorat

NOR : ESRS2220637A

La ministre de l'enseignement supérieur et de la recherche,
Vu le code de l'éducation, notamment ses articles L. 612-7, L. 613-5 et L. 712-2 ;
Vu le code de la recherche, notamment ses articles L. 412-1 et L. 412-2 ;
Vu le décret n° 2009-464 du 23 avril 2009 modifié relatif aux doctorants contractuels des établissements publics d'enseignement supérieur ou de recherche ;
Vu le décret n° 2021-1233 du 25 septembre 2021 relatif au contrat doctoral de droit privé prévu par l'article L. 412-3 du code de la recherche ;

Vu le décret n° 2021-1572 du 3 décembre 2021 relatif au respect des exigences de l'intégrité scientifique par les établissements publics contribuant au service public de la recherche et les fondations reconnues d'utilité publique ayant pour activité principale la recherche publique ;
Vu l'arrêté du 25 mai 2016 modifié fixant le cadre national de la formation et les modalités conduisant à la délivrance du diplôme national de doctorat ;

Vu l'avis du Conseil national de l'enseignement supérieur et de la recherche en date du 14 juin 2022,
Arrête :

Art. 1^{er}. – L'article 1^{er} de l'arrêté du 25 mai 2016 susvisé est ainsi modifié :

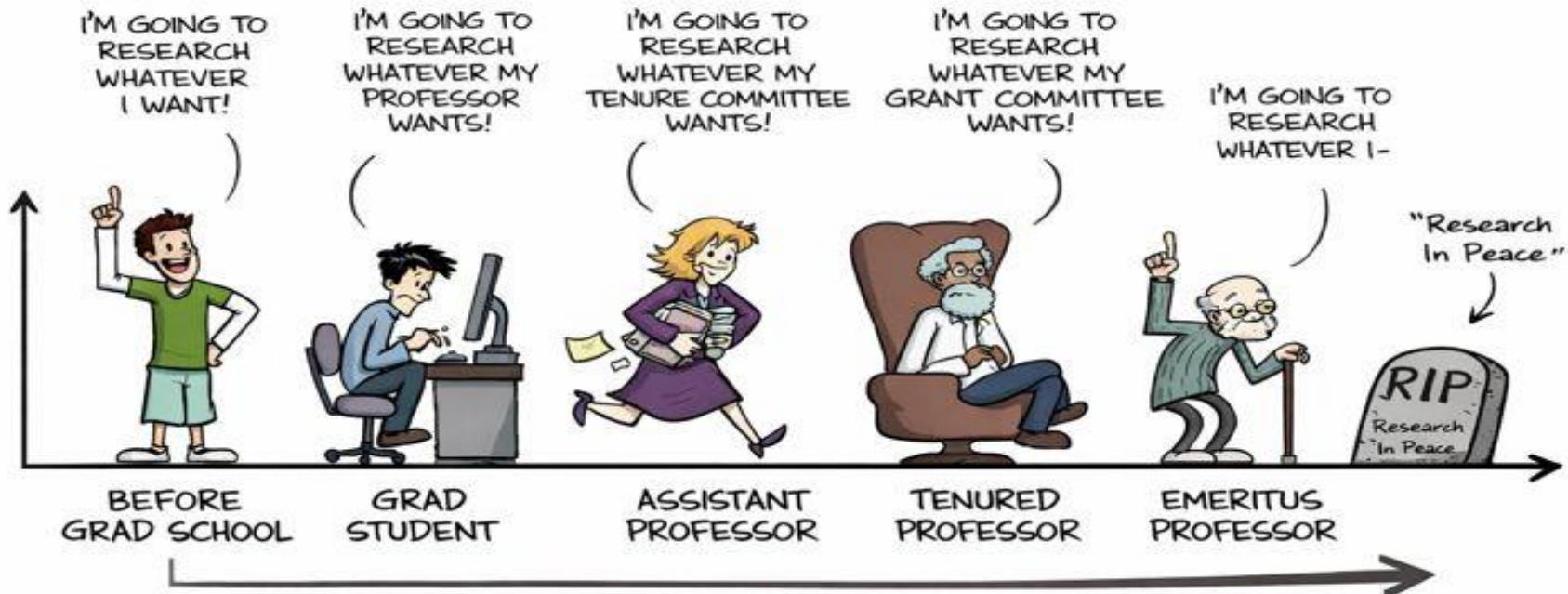
1^o Au quatrième alinéa, après les mots : « écoles doctorales », sont ajoutés les mots : « sous la responsabilité des établissements accrédités » ;

THE VALUE OF A PHD

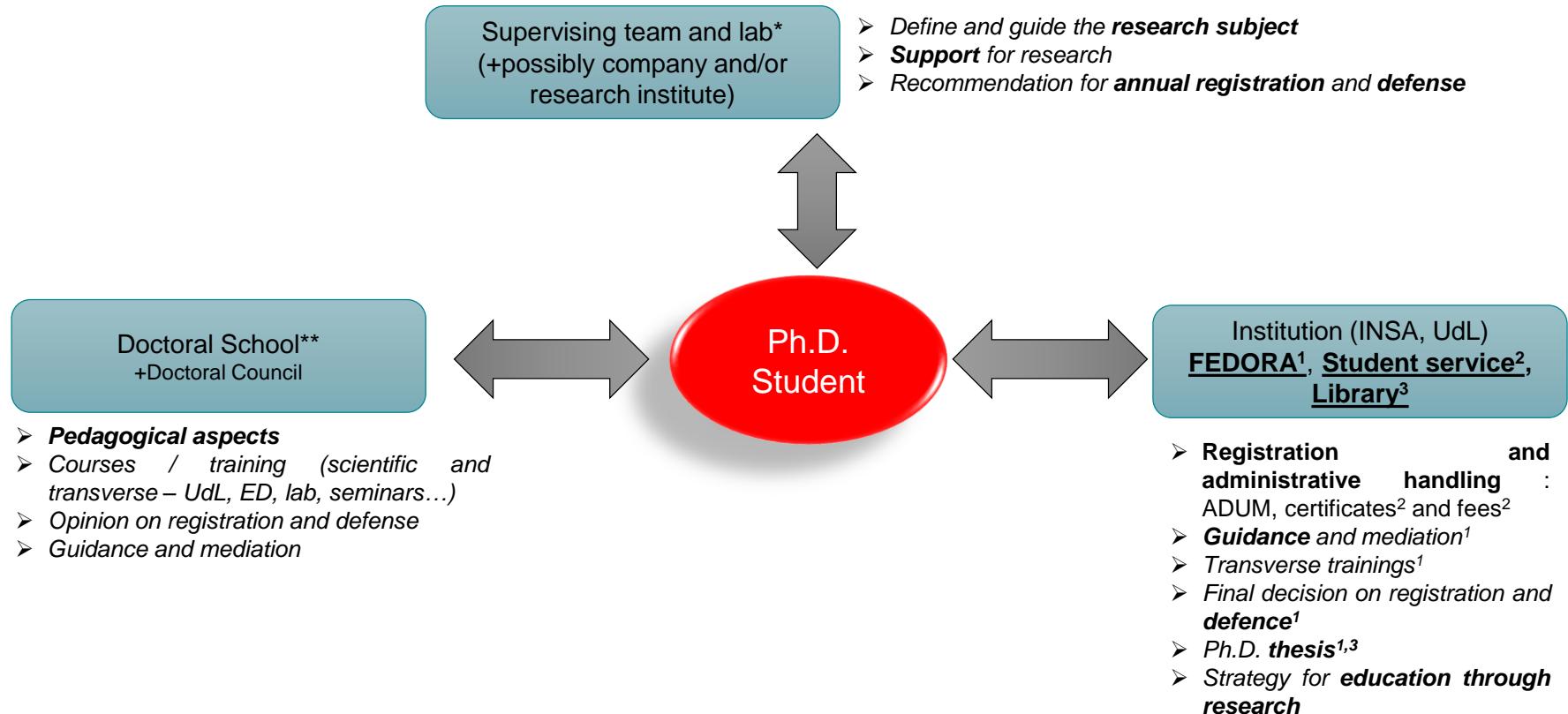
- A PhD is a professional research experience, not just extended studies
- It develops rare, high-value skills applicable far beyond academia
- Career paths are diverse, national and international
- Strategic choices during the PhD strongly impact future opportunities
- Your PhD is a foundation for long-term scientific and professional growth



THE EVOLUTION OF INTELLECTUAL FREEDOM



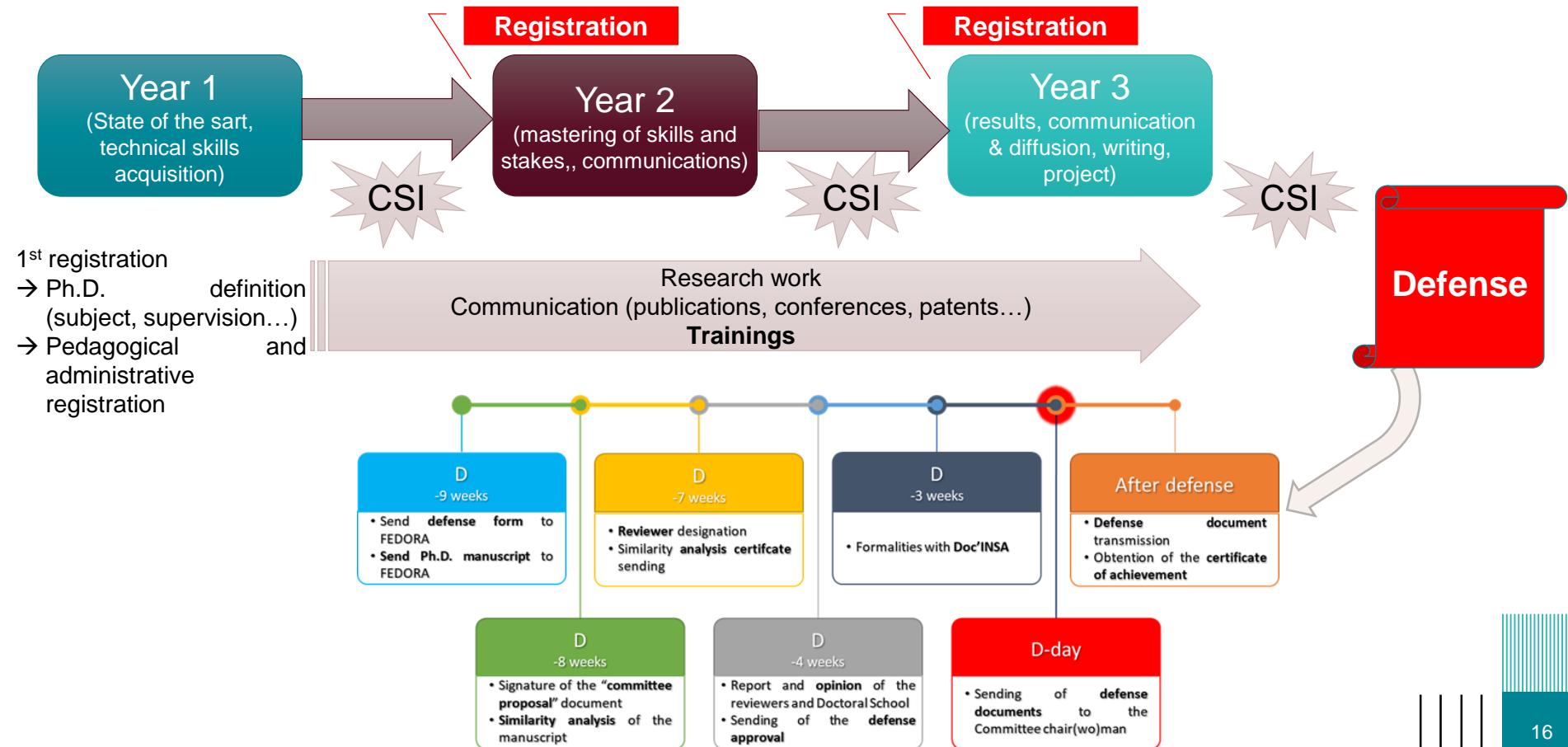
Ph.D. in INSA : environment & actors



* Ampère, BF2I, CETHIL, CITI, CREATIS, DEEP, DISP, ELYTMAx, EVS, GEOMAS, ICBMS, ICJ, IMP, INL, LaMCoS, LGEF, LIRIS, LMFA, LN2, LVA, MATEIS, MAP

** E2M2, EDIIS, EDML, EEA, InfoMaths, Matériaux, MEGA, ScSo

Ph.D. in INSA: journey



02

FEDORA Department



The image shows a screenshot of the INSA Lyon website, specifically the page for the FEDORA Department. The header features the INSA logo (red and white) and the text 'INSTITUT NATIONAL DES SCIENCES APPLIQUÉES LYON'. Below the header, a navigation bar includes links for 'DÉPARTEMENT', 'MASTER', 'DOCTORAT', 'CO-DIRECTION HDR', 'SÉMINAIRES FORMATIONS', and 'PROGRAMMES'. A search icon and a language switch are also present. The main content area has a blue-toned background with abstract shapes and text. The text 'DÉPARTEMENT FEDORA' is prominently displayed in white, along with 'FORMATION PAR LA RECHERCHE ET LES ETUDES DOCTORALES'. Below this, a paragraph describes the FEDORA department as a collaboration between research and education. A footer section on the right is titled 'Département FEDORA' and includes the address 'INSA Bâtiment Direction – 2ème étage'.

DÉPARTEMENT FEDORA

FORMATION PAR LA RECHERCHE ET LES ETUDES DOCTORALES

FEDORA (Formation par la recherche et les études DOCTORALES) est né de la volonté de faire vivre un lien déjà fort entre la Formation et la Recherche sur le campus de l'INSA

Département FEDORA

INSA Bâtiment Direction – 2ème étage

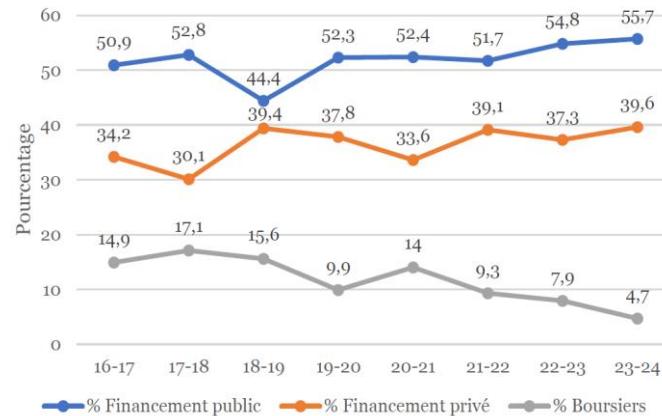
The screenshot shows the INSA Lyon website with a blue header. The INSA logo is on the left, followed by the text 'INSTITUT NATIONAL DES SCIENCES APPLIQUÉES LYON'. The main navigation menu includes 'DÉPARTEMENT' (highlighted in red), 'MASTER', 'DOCTORAT', 'CO-DIRECTION HDR', 'SÉMINAIRES FORMATIONS', and 'PROGRAMMES'. Below the menu is a banner with the text 'DÉPARTEMENT FEDORA' and 'FORMATION PAR LA RECHERCHE ET LES ÉTUDES DOCTORALES'. The banner features a blue background with abstract circular and geometric patterns. At the bottom of the page, there is a section about FEDORA, its mission, and contact information for the Department FEDORA.

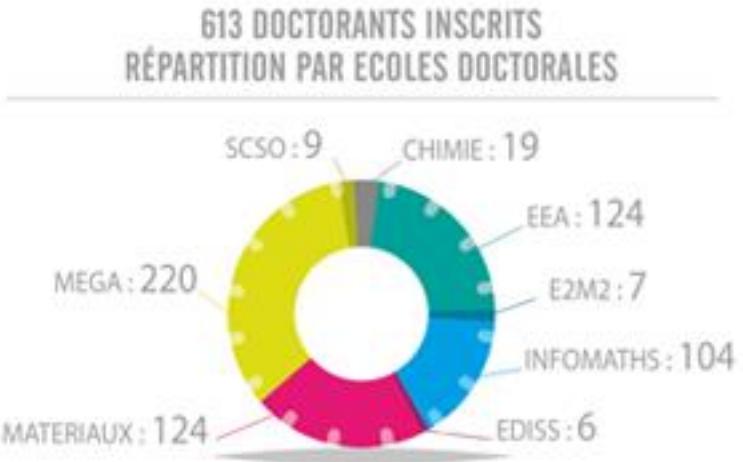
DÉPARTEMENT FEDORA
FORMATION PAR LA RECHERCHE ET LES ÉTUDES DOCTORALES

FEDORA (Formation par la rEcherche et les études DOctorAles) est né de la volonté de faire vivre un lien déjà fort entre la Formation et la Recherche sur le campus de l'INSA

Département FEDORA
INSA Bâtiment Direction – 2ème étage

22 laboratories
602 PhD students in 2024-2025
492 registration in 2025-2026
including 101 PhD student in D1 before January 2026
447 Scientists including 296 HDR
125 PhD Defence in 2025





8 doctoral Schools

Life Sciences

ED 205 Interdisciplinary Science and Health (EDISS)

ED 341 Evolution, Ecosystem, Microbiology, Modeling (E2M2)

Exact Sciences

ED 34 Materials

ED 160 Electronics, Electrotechnics, automatics (EEA)

ED 162 Mechanics, Energetics, Civil Engineering and acoustics (MEGA)

ED 206 Chemistry, Process, Environment

ED 512 InfoMaths (Computer Sciences and Mathematics)

Human and Social Sciences

ED 483 History, Geography, Planning, Urbanism, Archeology, Political Sciences, Sociology, Anthropology (ScSo)

FEDORA Department

- Education through Research and Doctoral Studies
- Located at the **3rd floor of Charlotte PERRIAND** building (17 avenue des Arts 69621 Villeurbanne cedex)
- **Missions:** management and implementation of the Institution's missions:
 - On the general **links between education and research** at INSA Lyon
 - On the **Education through Research***
 - On the **doctoral training****, HDRs (habilitation)
 - Concerning **Doctoral Schools whose INSA is operator in charge** (EEA and MEGA)
- **The team:**

Mylène DOLLINGER

Hongxia FU

Philomène TRECOURT

DOCTORALES STUDIES

DEFENSE – Ph.D. & HDR

DOCTORAL SCHOOLS

[Support to the doctoral training](#)

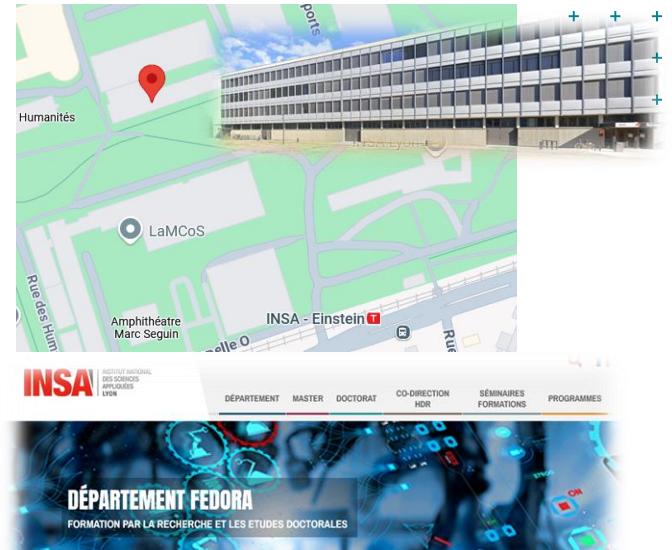
[Ph.D., HDR](#)

[MEGA, EEA](#)

Tel. +33 (0)4 72 43 85 61
fedora-doc@insa-lyon.fr

Tel. +33 (0)4 72 43 64 98
fedora-doc@insa-lyon.fr

Tel. +33 (0)4 72 43 71 70
mega@insa-lyon.fr
secretariat.edeea@insa-lyon.fr



Website: <https://fedora.insa-lyon.fr/>

Naima Harizi

**EDUCATION THROUGH
RESEARCH**

**Administrative and budget
management**

Tel. +33 (0)4 72 43 82 16
fedora-for@insa-lyon.fr

**Prof. Khalid
Lamnawar**

Direction

Tel. +33 (0)4 85 82
khalid.lamnawar@insa-lyon.fr

* Research path, ...

** Registration, defense, Double Degree, mediations, transverse training, events, Ph.D. contracts, mobility, awards...

FEDORA for the Ph.D. in a few examples



Trainings



PEPS DOC
SKILLS FOR COMPANY
TRAINING IN THE METHODS AND TECHNIQUES OF ACADEMIC PEDAGOGY
QUESTIONING RESEARCH ACTIVITIES WITH REGARD TO ENVIRONMENTAL AND SOCIETAL ISSUES
OPEN SCIENCE IN ENGINEERING
FRENCH A FOREIGN LANGUAGE
SUPERVISOR AND ADVISOR SEMINAR

Seminars & training

INSA Lyon Ph.D. students can register for disciplinary and/or transversal training provided by their doctoral school, their institution or the Université de Lyon.

More information on: Training during the PhD

The doctoral schools of the REDOC-SPI network, which already brings together 20 Doctoral Schools spread throughout the national territory, including MEGA n°162 and EDML n°34, gather their doctoral training of scientific culture (disciplinary and interdisciplinary training).

Subject to prior agreement from the organizing Doctoral School, doctoral students in the REDOC-SPI network can register for all shared training courses.

More information on: <http://www.redoc-spi.fr>

FEDORA Seminars and Training

FEDORA also offers dedicated and recognized training courses on the following themes:

For PhD students:

The INSA-REDOC seminar, which aims at cultivating skills for the professional project

Skills for consumers, in order to develop the skills (both scientific and technical as well as human and relational) expected by companies to enhance them as part of its professional project

Training in the Complementary Teaching Activity (ATCA), in partnership with the ATENA unit, in order to support teaching practices (vacation..)

to support teaching practices (vacation..)

Support to international mobility



<https://www.enseignement.uliege.be>

Event and support



<https://www.fetedelascience.fr/sciences-en-bulles-la-recherche-en-bd>

Scientific integrity

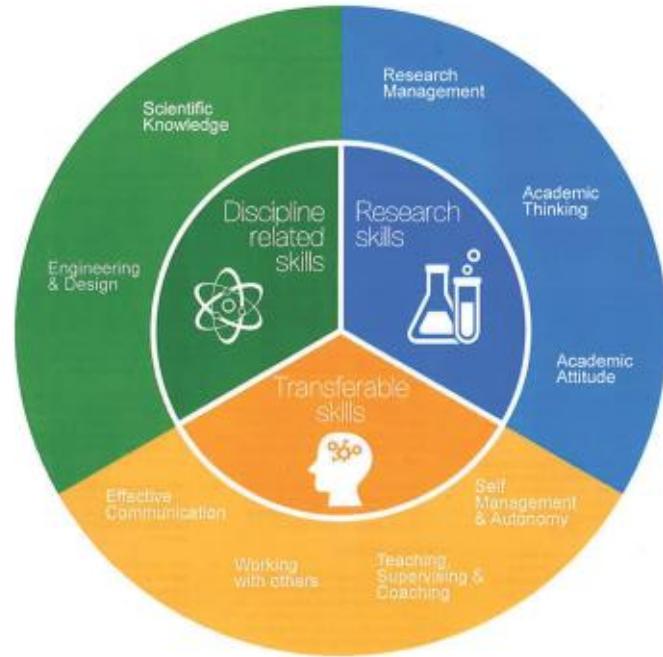
Les étudiants utilisent de plus en plus le "plagiat scientifique"



Conclusion: the place of the Ph.D. in the professional project



- **The Ph.D., a professional asset**
 - Education **THROUGH** Research leading to a **variety of perspectives**
 - Multiple skills
 - Scientific (understanding, mastering, integrating, communicating)
 - Professional (organizing, facilitating, advising, communicating, networking)
 - Personal (getting to know yourself and developing **your** project)
- **Day-to-day support for success:** supervising team, lab, Doctoral School, Institute, university group
 - Research, Registration, Trainings, Defense, Mediation





+

+

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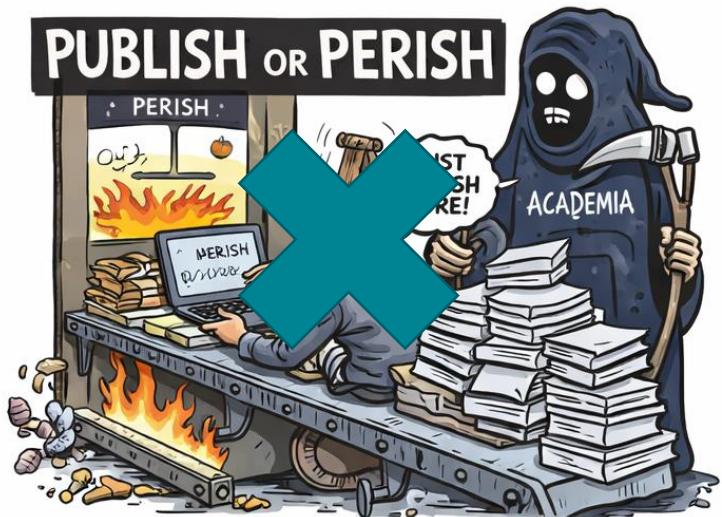
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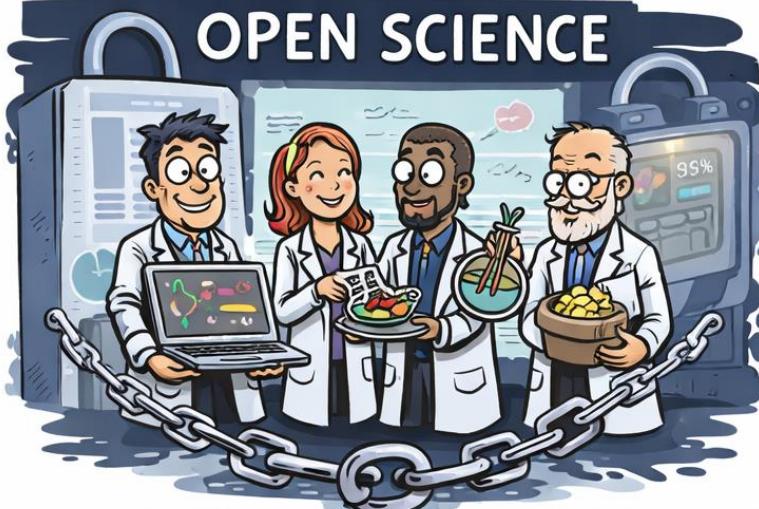
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PUBLISH OR PERISH



OPEN SCIENCE



PRESSURE ON RESEARCHERS



PREDATORY JOURNALS



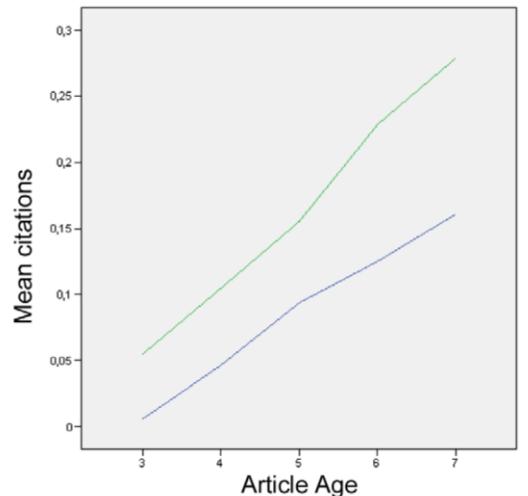
Open Science



<https://openarchiv.hypotheses.org/3443>

Open Science

- An open access article/book/manuscript is **more often downloaded, read and cited** (Gargouri et al. 2010 : <https://doi.org/10.1371/journal.pone.0013636>)
- It is also **better protected against plagiarism** because it is easily accessible by detection softwares
- They can easily be **integrated to job application proposal** (even before publication)
- Articles published in "classic" format (by subscription and not open access) are **copyrighted** by the publishers
 - They cannot be released until a **predefined embargo period** (available from **Sherpa-Romeo**: (<https://v2.sherpa.ac.uk/romeo/>)
- However « preprints » remain the **property of the authors**
 - Possibility **to deposit them and make them available**
 - Article 30 of the **Digital Republic Act**: maximum embargo of 6 months for STM (Sciences, Technics and Medicine)
- Doctorate Order of May 25th, 2016 (2022 Amendment):
 - « *Under the responsibility of accredited institutions, the doctoral schools [...] Raise awareness among PhD students of the challenges of open science and the dissemination of research work in society to strengthen relations between scientists and citizens* » (translated)



Gargouri et al. 2010,
<https://doi.org/10.1371/journal.pone.0013636>

Open Science

- OS platform:
 - **Public, non-profit:** HAL...
- Social networks that may host documents:
 - Private, usually for-profit: ResearchGate
 - The latter are particularly unpopular among publishers!
- The notion of Open Science also applies to **data**: <https://www.ouvrirlascience.fr/recherche-data-gouv-plateforme-nationale-federee-des-donnees-de-la-recherche/>
- Except in cases of force majeure, theses must be submitted on an open site
 - <https://theses.insa-lyon.fr/>
 - <https://theses.hal.science/INSA-LYON-THESES>



- OS roadmap voted on by the INSA Administrative Council: in 2024, **100% of PhD students starting a defense procedure must have an IdHAL, with their publications on the platform.**
- INSA is strongly involved in Open Science:
 - <https://www.insa-lyon.fr/fr/actualites/trois-cles-pour-comprendre-science-ouverte>
 - Open Science Guide: <https://www.insa-lyon.fr/fr/actualites/groupe-insa-publie-son-guide-science-ouverte>





03

Pedagogical and administrative support in INSA

We intervene at step 5/6 on ADUM

Depending on the year of registration, the documents to be provided are different.

They are detailed on the Fedora website:

PhD/First year registration

or

PhD/Registration from 2nd year



ACCÈS DOCTORAT UNIQUE ET MUTUALISÉ
PORTAIL INTERNET D'INFORMATIONS, DE SERVICES, DE COMMUNICATION, DES DOCTORANTS ET DOCTEURS

- Step 5/6

For D1 : 8 documents to be provided (9 for Double Degree)
Pay attention to the choice of discipline!

D2/D3 : 3 to 4 documents

D4: Non-mandatory funding, + request for extension

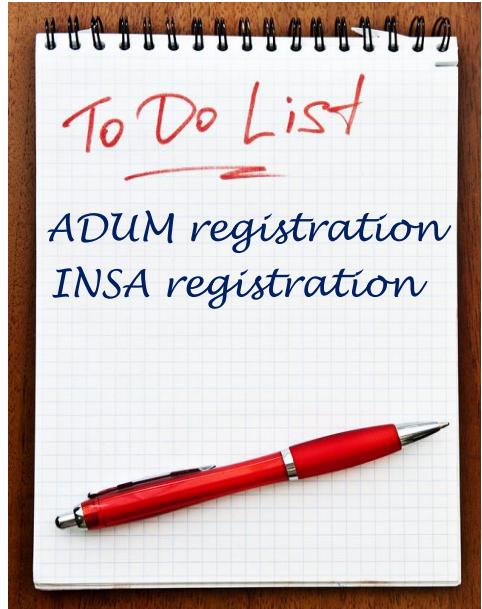
Make sure to keep your registration in ADUM up to date, especially before the defense



Please Notice This



ANNUAL ACADEMIC PROCEDURE



ADUM registration
INSA registration



- Re-register every year on (ADUM, PEGASE)

- have a minimum funding of 1400€/month

The Administrative Direction for Education (student service)- e

Slides made from the transparencies of the student service



AS FEDORA the Student Service depends on the Institute
At Student Service , you finalize your administrative registration.

Step 6/6 on ADUM

Once your application is complete and the tuition fees are paid, you will receive:

Student card – IT account – Certificate of enrolment

Student Service schedules:
Open **every day except Friday**
from **8:45 am to 12:30 pm** and from **1:30 pm to 5 pm**
Closed to the public on Friday afternoons

Mail address: doctorat@insa-lyon.fr
Phone: 04.72.43.85.60

Training

Futurs docteurs : AIGUISEZ VOS COMPÉTENCES
INSA Lyon du 16/12/2021 au 18/12/2021 (jeudi au 29 novembre 2021)

Formation pédagogique des doctorants
INSA DANS LE CADRE DE LEURS MISSIONS D'ENSEIGNEMENT

Questionner sa recherche au regard des enjeux environnementaux et sociaux
DE FORMATION DE MÉRÉÉES

- PEPS DOC
- SKILLS FOR COMPANY
- TRAINING IN THE METHODS AND TECHNIQUES OF ACADEMIC PEDAGOGY
- QUESTIONING RESEARCH ACTIVITIES WITH REGARD TO ENVIRONMENTAL AND SOCIETAL ISSUES
- OPEN SCIENCE IN ENGINEERING
- FRENCH A FOREIGN LANGUAGE
- SUPERVISOR AND ADVISOR SEMINAR

Seminars & training

INSA Lyon Ph.D. students can register for disciplinary and/or transversal training provided by their doctoral school, their institution or the Université de Lyon.

- More information on: [Training during the Ph.D.](#)

The doctoral schools of the REDOC SPI network, which already brings together 20 Doctoral Schools spread throughout the national territory, including MEGA n° 162 and EDML n° 34, gather their doctoral training of scientific culture (disciplinary and interdisciplinary training).

Subject to prior agreement from the organizing Doctoral School, doctoral students in the REDOC SPI network can register for all shared training courses.

- More information on: <http://www.redoc-spi.fr>

FEDORA Seminars and Training

FEDORA also offers dedicated and recognized training courses on the following themes:

- For PhD students
 - The PEPS DOC seminar, which aims at cultivating skills for the professional project
 - Skills for company, in order to develop the skills (both scientific and technical as well as human and relational) expected by companies to enhance them as part of its professional project
 - Training in the Complementary Teaching Activity (ACE), in partnership with the ATENA unit, in order to support teaching practices (vacation...)
 - The training 'Questioning your research with regard to environmental and societal issues'

PEPS DOC



SKILLS FOR COMPANY



TRAINING IN THE METHODS AND TECHNIQUES OF
ACADEMIC PEDAGOGY



QUESTIONING RESEARCH ACTIVITIES WITH REGARD TO
ENVIRONMENTAL AND SOCIETAL ISSUES



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Training



FEDORA TRAINING COURSES AND SEMINARS

Several training courses are available throughout the year.

- **PEPS DOC**

Doctoral training seminar: “Promoting and Exploring Professional Skills in Doctoral Studies” Currently being redesigned with one team of doctoral students and another team of supervisors.

- **Formation à l'Activité Complémentaire d'Enseignement**

In order to support them as they enter the teaching profession, INSA Lyon doctoral students who are teaching while preparing their thesis and who may become teacher-researchers in the future can take a course in university teaching.

This training, lasting a total of 20 hours, is provided by INSA Lyon's “Atena” Teaching, Digital and Learning Techniques Support team and is scheduled over three sessions between the first and second years of the thesis.

Open science in engineering

Open science is a fundamental component of the dialogue between science and society. It also safeguards the work of researchers (for example, by providing greater robustness against the risk of plagiarism). In addition to the training offered at the site level, INSA offers training on open science in areas specific to engineering professions. The following topics are covered during this seminar

French as a Foreign Language (FLE)

Each academic year, the French as a Foreign Language (FLE) department at INSA Lyon's Humanities Center offers doctoral students (enrolled at INSA exclusively) the opportunity to enroll in a French course lasting two hours per week (four hours for beginners). This course begins in November and ends in May, and takes place in the evening (6pm to 8pm).

Supervisors seminar

Supervising doctoral students is both a scientific and human adventure! It requires supervisors to constantly adapt to changes in the challenges and maturity of young researchers throughout their studies. This new seminar aims to analyze and better understand the specific mechanisms at work in the development of the relationship between supervisors and doctoral students.

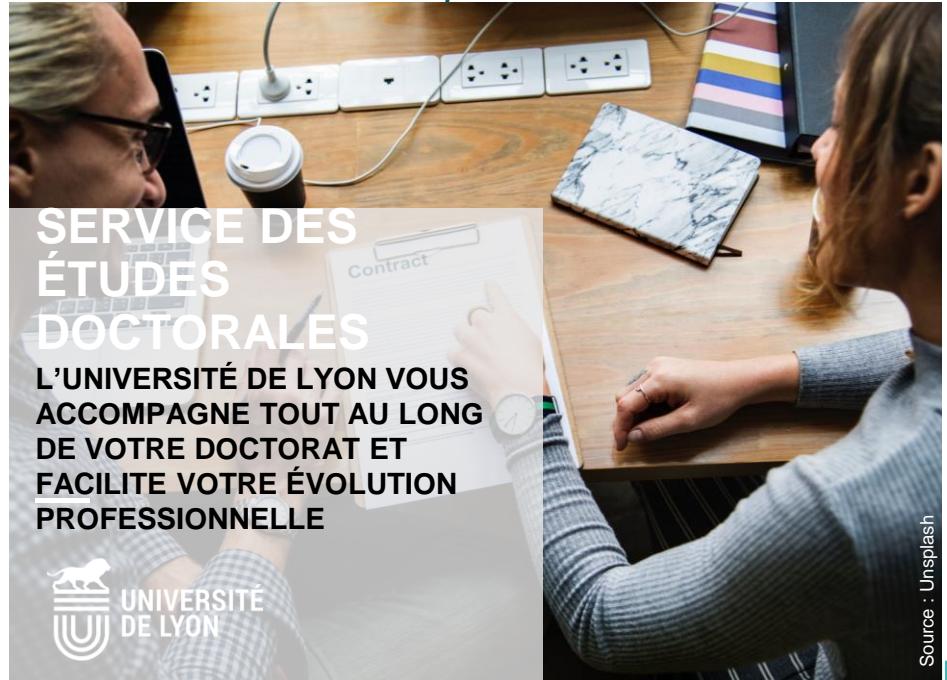
In a small group (max. 12 people), emphasizing diversity of experience, participants will explore their practice through the regular contribution of models of action and management, as well as interpretation grids, enriched with concrete examples from the participants. Each participant will also be able to choose their own theme for experimentation according to their needs.

Training Integrating social, environmental, and ethical issues into your research

04

UdL services

Slides made from the transparencies of SED



contact.doctorat@universite-lyon.fr

Christele.izoard@universite-lyon.fr

Source : Unsplash

GUIDANCE OFFER 360 °



- <https://espace-ulys.universite-lyon.fr/> : a service for **foreign researchers from outside the EU**
- For: **Prefecture application, health insurance, housing etc,**
- To benefit from the support of Espace Ulys, you must **register on the EURAXESS database for research mobility**. Registration is **compulsory, free of charge** and specifies the conditions of your stay.



information@espace-ulys.fr

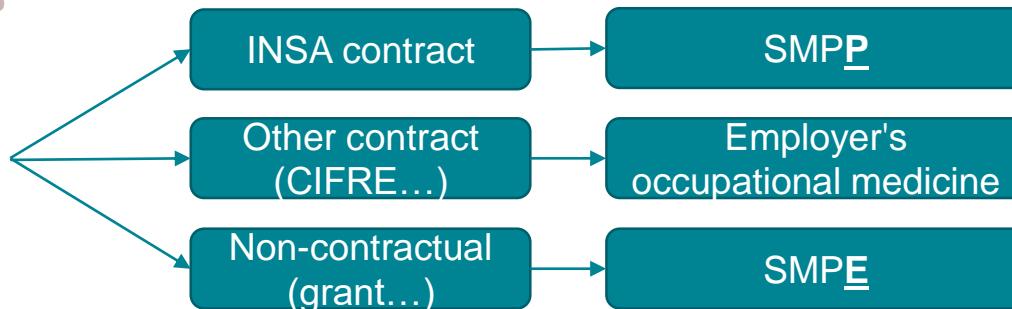
05

Preventive Medicine Services



<https://www.insa-lyon.fr/fr/centre-sante-insa>

SMPE and SMPP



Other services available

- **In case of an administrative issue (INSA contracts)**
Teacher-Researcher EC Pole drh-ec@insa-lyon.fr
- **In case of a social issue**
Social Worker for the staff: florence.tesseraud@insa-lyon.fr 04 72 43 88 80
- **In case of psychological issue**
Referral to
 - Either the **PAS MGEN network** to talk to an e-psychologist 0 805 500 005
 - Either the **CAP service**: Personalized advice and support for INSA students service.cap@insa-lyon.fr 04 72 43 74 50
- **In case of a problem of Discrimination Harassment Gender-based or sexual violence (DHVSS)**
Referral to the listening unit: cellule.ecoute@insa-lyon.fr
- **In case of suffering at work**
Orientation to the unit emt@insa-lyon.fr
- **Quality of Life at Work Officer / Disability Correspondent**
Eliane Roupie : eliane.roupie@insa-lyon.fr



Focus: Medical surveillance of contractual doctoral students

- **Medical visit at hiring** within 3 months
- **For all Ph.D. students: BIENNIAL specific medical follow-up**
- **Specific ANNUAL medical follow-up**
 - If **disability**
 - If **pregnant**, recently given birth or breastfeeding
 - If **reinstated** after long-term sick leave or long-term leave
 - Or suffering from **specific pathologies** determined by the institute medical service
 - **Pre-reinstatement visit** if there is a risk of difficulties at the position during the reinstatement
- **Reinstatement visit** organized within 8 days, after a leave of more than 30 days.
- **Visit at the request of the Ph.D. student** if difficulties at work in relation to health or work problems impacting health
- **Visit at the request of the employer** to verify the adequacy of the member's health to his or her position.
- **Visit at the request of the medical service**

Focus: Medical surveillance of Ph.D. students

During the work health visit

- Bring **your vaccination record and glasses**
- **The individual exposure form (FIE)** to risks
 - ACD-CMR: Hazardous Chemical Agents CMR
 - ROA : Artificial Optical Radiation
 - RI : Ionizing radiation
 - This form must be signed by the Director of the unit (lab) and kept by the unit and the Ph.D. student
- **Additional examinations are carried out during the visit:** visual tests, hearing tests, urine tests in the context of public health and health at work.
- **Prescription of additional examinations covered by the INSA**
 - If exposed to chemical hazards: **biological assessment**
 - If exposed to the laser risk class 3 or 4: **ophthalmological assessment**
 - Other examinations based on occupational exposures



06

Documentary resources



Slides made from the SCD/Marie Curie Library slides

The library: a physical and virtual place of exchange



Places and services

- **Rooms** (to be booked) for **teamworking** <https://bibliotheque.insa-lyon.fr/cms/articleview/id/4467>
- **Scientific and cultural mediation** (exhibitions, conferences, Science Festival, etc.) <https://bibliotheque.insa-lyon.fr/accueil>

HORAIRES

30/01 - 05/02						
Lundi	Mardi	Mercredi	Jeudi	Vendredi	Samedi	Dimanche
09:00	09:00	09:00	09:00	09:00	09:00	
22:00	22:00	22:00	22:00	22:00	17:00	Fermé

Retrouvez le calendrier annuel

RÉSERVER UNE SALLE

 1 amphithéâtre, 2 salles de créativité et 1 salle de TD

 16 salles de travail en groupe

 7 salles individuelles (carrel)



EN CE MOMENT



[Exposition] Le corps

Exposition de toiles réalisées pendant les cours par les élèves de Murielle Andrieu Le Gallès du CASI



[Programme] Cycle de l'énergie

Découvrez le programme complet du cycle de l'énergie.



[Visite] La sobriété énergétique et l'INSA, on en parle ?

La sobriété énergétique et l'INSA, on parle ?

Documentary resources

- **Search engines** to access resources
- More than **116,000 physical documents** and about **300 subscriptions to physical journals**
- Approximately **100,000 million digital articles** accessible **on-site and remotely** (through authentication) <https://bibliotheque.insa-lyon.fr/panorama-ressources>

The Library: a place of counselling and learning for Ph.D. students



Librarians at your service

- **Documentary information**
- **Trainings**
 - Ph.D. students: writing, Open Science,... by UDL
<https://www.universite-lyon.fr/formation/formation-doctorale/>
 - All audiences: use of the documentary portal, bibliographic management, etc. by the INSA library <https://bibliotheque.insa-lyon.fr/cms/articleview/id/6301>



Service for PhD students

- From the writing to the defense and dissemination of the thesis
<https://bibliotheque.insa-lyon.fr/cms/articleview/id/6201>
- Tools to help with the writing and dissemination of the thesis

- **Contacts :**
 - *Digital Resources*
docelec.insal@insa-lyon.fr
 - *Printed and digital theses*
dalila.boudia@insa-lyon.fr
 - *Documentary information*
contact-rd@insa-lyon.fr
doc@insa-lyon.fr

07

Scientific Integrity

THE LANCET



The Lancet, Volume 361, Issue 9352, Pages 117–124, 11 January 2003
doi:10.1016/S0140-6736(03)12229-5 [\(?\) Cite or Link Using DOI](#)

This article was retracted

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RETRACTED: Combination treatment of angiotensin-II receptor blocker and angiotensin-converting-enzyme inhibitor in non-diabetic renal disease (COOPERATE): a randomised controlled trial

Dr Naoyuki Nakao MD ^a , Ashio Yoshimura MD ^a, Hiroyuki Morita MD ^a, Masyuki Takada MD ^b, Tsuguo Kayano MD ^b, Prof Terukuni Ideura MD ^a

Summary

Background

Present angiotensin-converting-enzyme inhibitor treatment fails to prevent progression of non-diabetic renal disease. We aimed to assess the efficacy and safety of combined treatment of angiotensin-converting-enzyme inhibitor and angiotensin-II receptor blocker, and monotherapy of each drug at its maximumdose, in patients with non-diabetic renal disease.

<https://www.lemonde.fr/blog/realitesbiomedicales/2013/12/04/la-fraude-scientifique-fleau-de-la-litterature-biomedicale/>

Sources of the slides:

- Goetgheluck Nicole, Bligny Elodie, Emmanuelle Bahu-Marquis. Qu'est-ce que l'intégrité scientifique. 2021 [diaporama, 12 pages]. Insa Lyon [en ligne] <https://moodle.insa-lyon.fr/>.
- Presentation on integrity and Ethics, B. Allard

Scientific Integrity: Background

Ethic

Operational issues of protocol compliance with the rules of law and ethical recommendations

RGPD, individual approval, animal testing, environment, cultural dimension...

Deontology

Sets of obligations specific to the conduct of research – codified or locally decided obligations

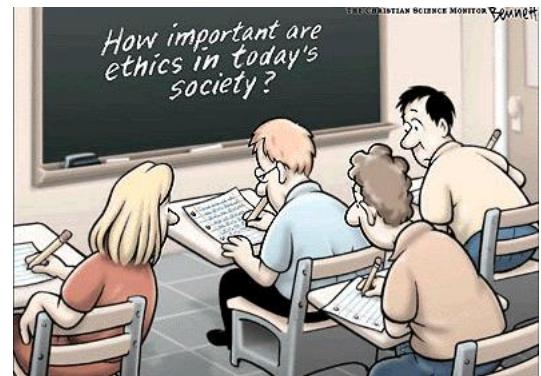
Links of interest, impartiality, Interactions between activities, academic liberty...

Scientific integrity

Required practices in the production and dissemination of knowledge – rigorous and honest; proper functioning of teams and laboratories; Relationships of trust with society

Honesty, rigor, reproducibility, citation, usage of AI, responsibility facing the community, reliability of colleagues' data...

- 2005: **European Charter of researchers**
- 2010: **Singapore Declaration on Research Integrity**
- 2015: **1st National Charter of Ethics for Research Professions**
- 2017: **French Office of Scientific Integrity (OFIS)**
- 2021: **French Decree** relative to the requirements of scientific integrity by public institutions and foundations



<https://sites.google.com/site/ethicspathfinder/>

- INSA Lyon (and by extension its staff and students) is **signatory** of the **French Charter of Ethics for Research Professions** and of the **European Code of Conduct for Research Integrity** (ALLEA, 2018)

Scientific Integrity: Ph.D.



▪ Plagiarism: often the consequence of negligence

→ Learn to:

- Cite the sources: « *citation* » and citation reference (+ bibliographic management software)
- See https://bibliotheque.insa-lyon.fr/parcours_recherche



<https://www.universite-lyon.fr/plagiat>

▪ Oath of scientific integrity, included in the French Research Code and Law

▪ National Office of Scientific Integrity (OFIS – <https://www.ofis-france.fr/>)

- Examples : <https://www.ofis-france.fr/wp-content/uploads/2024/11/Diaporama-Exemplesdesitutation-IS-ER-DE-Ofis.pdf>

▪ Training & information (documentary portal, menu [parcours recherche](#)), including [MOOC on research ethics](#) of Université de Lyon

▪ Resources implemented at INSA

- Similarity detection software (under the authority of the FEDORA department for Ph.D. theses: issuance of a certificate to be included in the thesis manuscript)
- [Disciplinary Commission](#)
- **Scientific Integrity Officer** (Bruno ALLARD – bruno.allard@insa-lyon.fr): **ensure and inform** regarding the implementation of ethical behavior in INSA Lyon, **supervise procedures** in case of suspicious behavior

Research is particularly vulnerable to non-ethical behavior* (international competitors, pressure for publication and funding, AI...)



* [7th World conference on Research integrity](#) + Nature 615, 790-793, 24 March 2023.



Welcome Day – INSA Ph.D. Students

28/01/2026



Outline/Program



13:30–13:45

Welcome address – DR. Marie-Christine Baietto, Director of Research & Innovation

13:45–14:10

FEDORA presentation – Prof. Khalid Lamnawar, Director

14:10–14:30

Student support and management in INSA– Mylène Dollinger

14:30–14:45

Scientific Integrity / Open Sciences/ Ethics & AI in research, Prof. Bruno Allard

14:45–15:00

Coffee break ☕

Outline/Program

15:00–16:00

Alumni testimonials

- Dr. Maxime DOOMS, Ing. PhD 2017, currently “Coordinator of the NCP Environment – Horizon Europe – Bio & Environment”
- Ministry of Higher Education and Research
- Dr. Anne-Sophie POUDREL, Ing. PhD 2022 , currently Assistant Professor at INSA Lyon
- Dr. Xavier Morelle, Master-PhD 2023 with strong international experience, currently CNRS-INSA Lyon Research Fellow



Outline/Program



15:00–16:00

Alumni testimonials

- Dr. Maxime DOOMS, Parcours Ing. Docteur, currently “Coordinator of the NCP Environment – Horizon Europe – Bio & Environment” Ministry of Higher Education and Research
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- Dr. Xavier Morelle, Parcours Master-Doctor with strong international experience, currently CNRS-INSA Lyon Research Fellow

Outline/Program

16:00–17:00

Networking buffet & information booths:

- *INSA Academic Services (DAFORAE)*
- *Disability Support Office*
- *UDL Career Center*
- *ULYS Space – EURAXESS Lyon*
- *Marie Curie Library*
- *Doctoral Schools representatives*
- *Corporate Relations & Partnerships Office*
- *FEDORA Services*

