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

PODCAST à écouter sans modération



MADIS Contact

- Aurore SMETS : Administrative leader
 - Malika DEBUYSSCHERE : Administrative management
- Office : Bat. P4, room 009 and 011

Messages TO READ about PhD from

- Sec-edmadis@univ-lille.fr
- Dir-edmadis@univ-lille.fr
- noreply@adum.fr

MADIS website

- <https://edmadis.univ-lille.fr>
- Your ADUM private space

D1- Meeting program

- MADIS Graduate school
 - Training courses
 - Individual Monitoring Committee (CSI)
 - Defence
 - After PhD
-
- Graduate Program IKS
 - Student association (ADSL)
 - Open Science at Lille



MADIS Graduate School

Doctorate's diploma or PhD (Philosophiæ Doctor): the highest diploma

Master /
Engineering
(BAC+5)

PhD (BAC+8)

After PhD



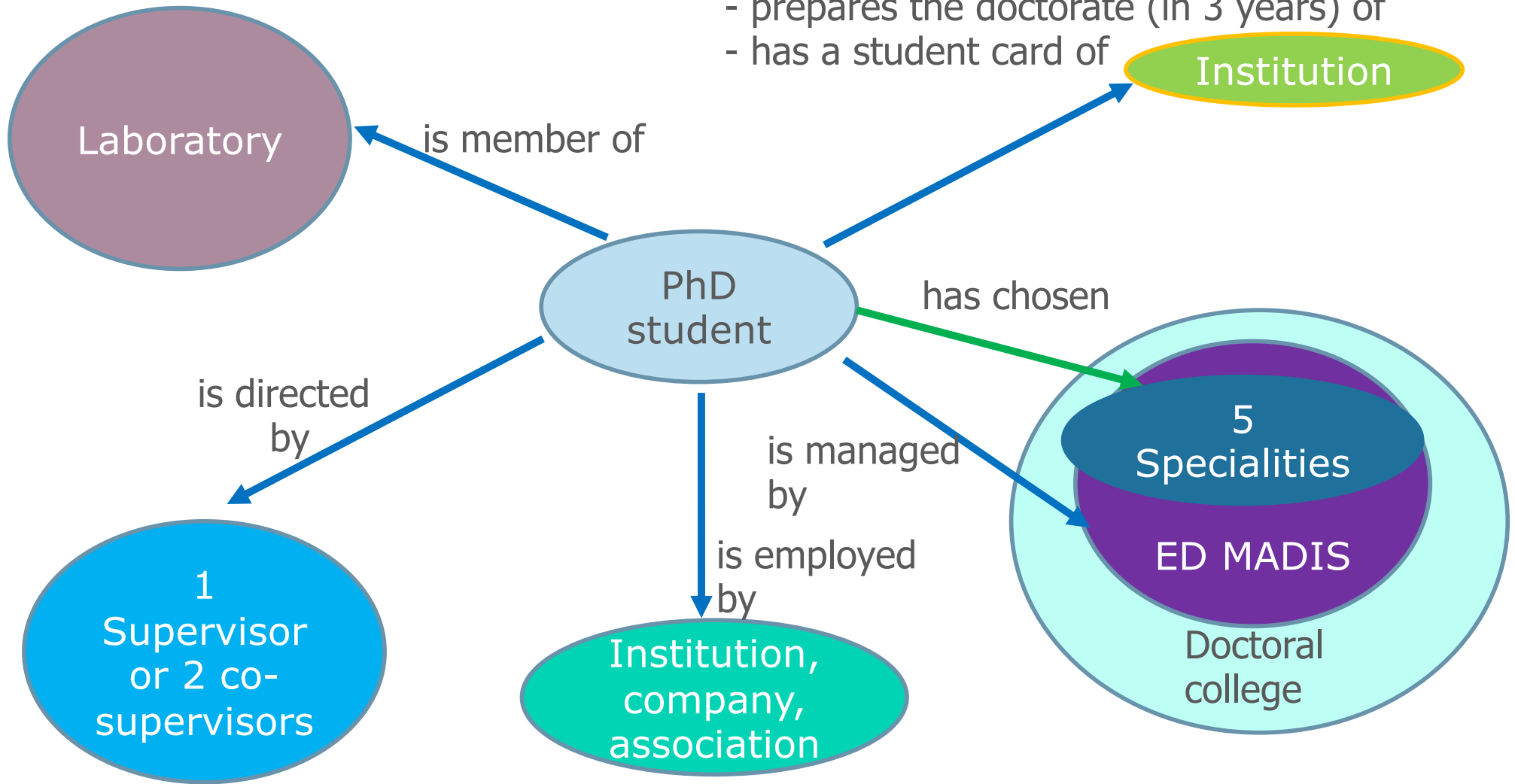
Preparing your PhD is your first job

You

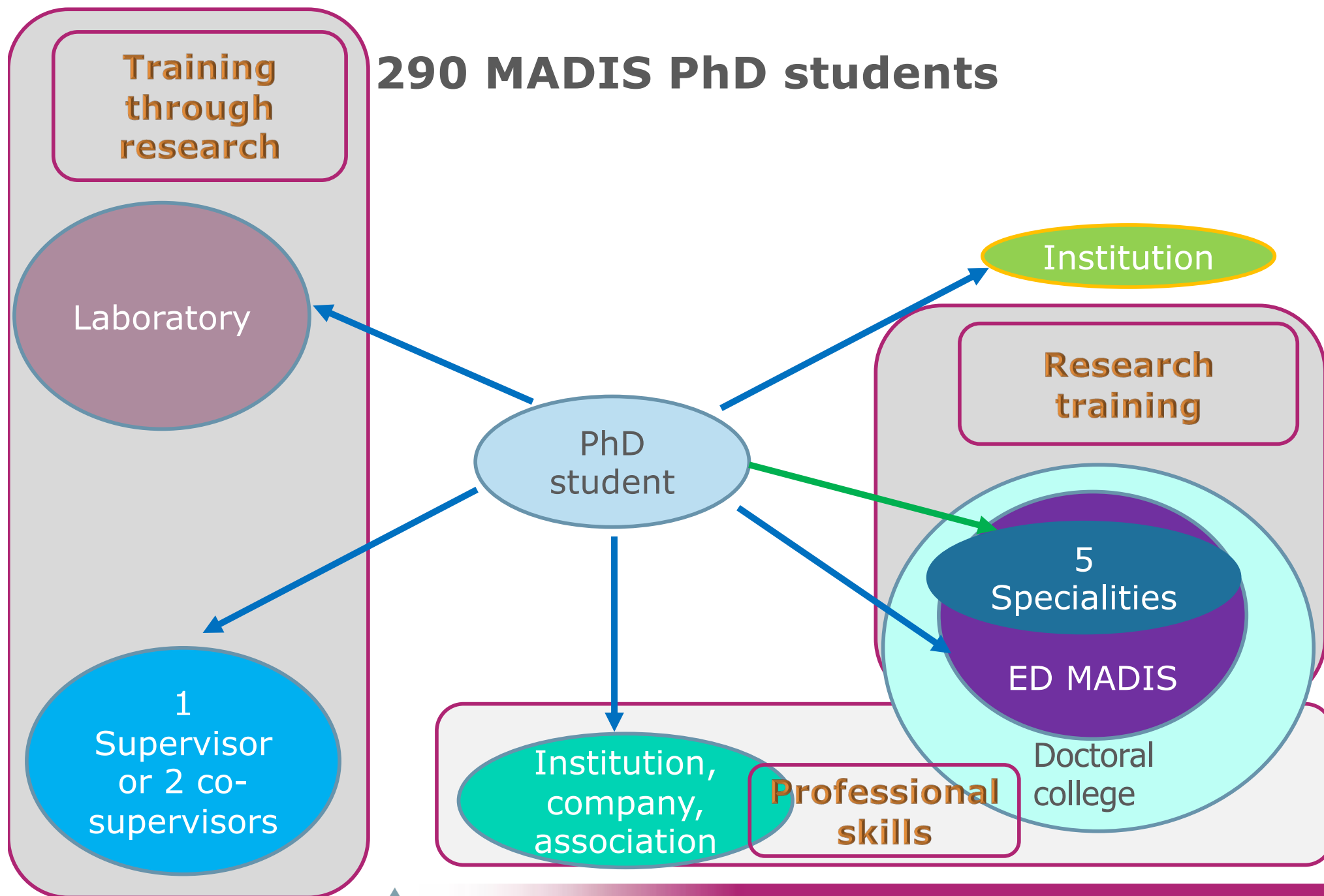
- Conduct training-by-doing research, under the scientific and personalized direction of supervisors within 36 months
- Are young professional researchers who are integrated in research units
- Develop soft skills beyond their area of scientific expertise
- Must :
 - write scientific papers and/or patents
 - participate to doctoral trainings
 - cultivate intellectual rigor, ethical reflexivity and respect for the principles of scientific integrity
 - write a PhD thesis (> 100 pages and bibliographic references)
 - defend your thesis in front of a committee

290 MADIS PhD students

- prepares the doctorate (in 3 years) of
- has a student card of



290 MADIS PhD students



MADIS Institution

Institution	Contact
Université de Lille (ULille)	affaires-doctorales@univ-lille.fr
Centrale Lille Institut (CLille)	scolarite.phd@centralelille.fr
Institut Mines Télécom Nord Europe (IMT)	christine.charlet@imt-nord-europe.fr
Université Gustave Eiffel (Univ Eiffel)	sebastien.gaglianone@univ-eiffel.fr

MADIS Disciplinary field leader (DED)

Disciplinary field

Mathematics (MPMA)

Patrick POPESCU-PAMPU

patrick.popescu-pampu@univ-lille.fr

Computer science

Laetitia JOURDAN

laetitia.jourdan@univ-lille.fr

Control science (AGITSI)

Lotfi BELKOURA

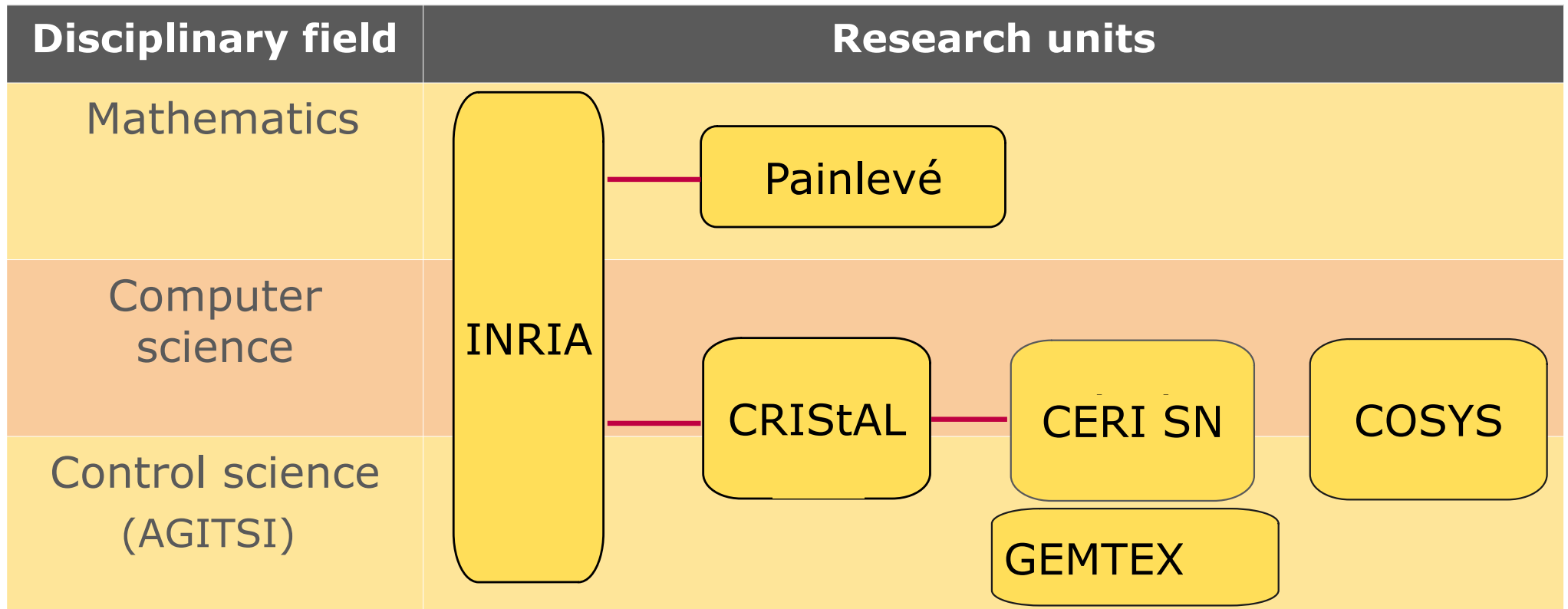
lotfi.belkoura@univ-lille.fr



MADIS Doctorate speciality

Disciplinary field	Doctorate speciality
Mathematics (MPMA)	Mathématiques et leurs interactions
Computer science	Informatique et applications
Control science (AGITSI)	Automatique, Productique Traitement du signal et des images Informatique, Automatique

MADIS Research units



— Double referencing of HDRs

5 PhD students in MADIS council

- <https://edmadis.univ-lille.fr/presentation/election-des-representants-doctorants-au-conseil-de-led>
- Open positions at 2026 for election
- Participation at 2 councils (january and june)
- [Survey among doctoral students](#) to improve doctoral studies
- [MADIS DDay](#) event organisation (March 24 th afternoon)

Main missions of MADIS Graduate School

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

Main missions of MADIS Doctoral School

- Individual Monitoring Committee (CSI) (end of D1, D2 and D3)
- Doctoral trainings (with Doctoral College)
- International mobility grants for PhD students (with Doctoral College)
- Agreement for the PhD defence
 - Skill portfolio
 - Number of required doctoral training credits
 - PhD committee and reviewers
 - Reports by reviewers before defence

Not supported by Graduate School

- PhD annual registration in the institution (Centrale, ULille, IMT, UGE)
- Mobility grants for participation to doctoral trainings or conferences
- Registration fees for MOOC
- Organisation of the PhD defence
- Doctoral degree printing

MADIS D1-planning

- Improve your skills :
 - Register at training courses available at ADUM.
 - Add external training modules.
 - Build your Portfolio (validated courses, teaching, PhD title...).
 - Register at [Compedoc](#).
- Prepare your career :
 - Join [MADIS group](#) at LinkedIn.
 - [Upload CV and scientific productions to be displayed via ADUM](#).
- Obtain the agreement of CSI-D1 to register in D2.



Information and knowledge society

- All MADIS PhD student can be integrated in IKS via ADUM trainings
- Events organised as part of the graduate programme, like the summer and autumn schools
- After-work seminars or end-of-year conference
- Outward mobility grant for a mobility project
- Diploma indicating the 3 core acquired skills: interdisciplinary skills, international experience and the capacity to work in public sector research or R&D in the private sector



**Training courses to build
your Portfolio**

Training courses

- 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
- **One course about pedagogical topics** must be followed when you teach

Training courses

- 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 MADIS, technical courses)
 - Training related to language, research methodology, ethics or tools (organized by MADIS or Doctoral College)
 - Professional training (organized by Doctoral College)
- 20 CFD can be obtained by **MOOC**
- 2 hours -> at least 1 CFD.

Registration to training courses (ADUM)

You must have an ADUM account number!

The screenshot shows the ADUM web interface. At the top, there is a navigation bar with links: Private space, My profile, My career, and Questions. A search bar is on the right. Below the navigation bar, there is a section for 'ACTUALITÉS' (News) with banners for 'PHD WELCOME', 'STARTDOC 2019', and 'Formation pour les doctorants BSL'. A legend indicates the status of documents: Validated (green checkmark), Ongoing (yellow exclamation mark), and To be done (red arrow). The main content area is divided into three sections: 'My profile', 'Trainings', and 'Administrative documents'. The 'My profile' section includes links for enrollment, online display, password change, CV upload, photo upload, and training contracts. The 'Trainings' section, highlighted with a red box, includes links for the training modules catalogue, statement of undergone training modules, training module, and external training modules. The 'Administrative documents' section includes a note that documents must be printed in portrait format and a list of documents required for enrollment/re-enrollment.

Validated Ongoing To be done

My profile

- 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

Trainings

- Training modules Catalogue
- Statement of the undergone training modules
- Training module
- External training modules

Administrative documents

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.

Registration to training courses (ADUM)

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



Individual Monitoring Committee (CSI)

Individual Monitoring Committee (CSI)

- For D2 and D3 registrations, an Individual Monitoring Committee (D1-CSI) is set up
- At minimum the committee includes
 - One HDR specialist of the scientific domain and outside at ULille, Centrale Lille, IMT and UGE (ESTAS and LEOST),or
 - Two HDR: one specialist and one outside Doctoral college.and
 - A member of the Graduate School MADIS (DED) who will be the chairman.
- At the end of the meeting, a collective report will be written under the authority of DED. This report is posted in ADUM

CSI paper

- The PhD student provides a paper on its work, two weeks before the meeting to all members of the CSI.
- This paper 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 (min 3 pages)
 - Roadmap for the next two years (min 2 pages)
 - Doctoral training modules achieved
 - Professional project

CSI meeting

- CSI 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 posted in ADUM

CSI template report

	Very good	Good	To improve	Not relevant
Expertise of thesis topic	☐	☐	☐	☐
Progress of the work	☐	☐	☐	☐
Strategy for valorisation of results	☐	☐	☐	☐
Identification of research directions	☐	☐	☐	☐
Follow-up of doctoral training	☐	☐	☐	☐
Brief review about progress of the work :				
Brief review about the conditions of the thesis :				
Highlights :				
Points for improvement :				
Recommendations : The committee members make the following recommendations for the continuation of the PhD.				
The committee members point out particular points of vigilance:				
Opinion of the Monitoring Committee on re-	☐ favourable			

CSI important dates

- CSI constitution before June 15th, 2026
- CSI paper has to be sent 15 days before the meeting
- CSI meeting before September 15th, 2026

PhD Defence

Planning (important dates)

- D – 9 weeks : Student submits the committee and uploads thesis via ADUM
- D – 8 weeks : MADIS checks the skill portfolio, required CFD, publications in ADUM and gives its agreement about committee
- D – 4 weeks : Reviewers send their review to the Institution and MADIS
- D – 3 weeks : MADIS 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

Committee 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 MADIS, IMT, ULille, Clille and UGE. Must be outside doctoral project. No work and paper with supervisors and PhD student during PhD duration.

At least 50% of members are outside MADIS, IMT, ULille, Clille and UGE.
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).

From 4 to 8
committee
members

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).

Committee when 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 MADIS 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.

At least 50% of members are outside MADIS, IMT, Ulille, Clille, UGE **and the foreign institution**. All members must be PhD.

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

From 4 to 8
committee
members

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).

Doctoral Oath (after Defence)

En présence de mes pairs, parvenu à l'issue de mon doctorat en spécialité', et ayant ainsi pratiqué, dans ma quête du savoir, l'exercice d'une recherche scientifique exigeante, **en cultivant la rigueur intellectuelle, la réflexivité éthique et dans le respect des principes de l'intégrité scientifique**, je m'engage, pour ce qui dépendra de moi, dans la suite de ma carrière professionnelle quel qu'en soit le secteur ou le domaine d'activité, à maintenir une conduite intègre dans mon rapport au savoir, mes méthodes et mes résultats.

In the presence of my peers, having completed my doctorate in 'Specialty', and having thus practiced, in my quest for knowledge, the exercise of a demanding scientific research, by **cultivating intellectual rigor, ethical reflexivity and respect for the principles of scientific integrity**, I commit myself, for what will depend on me, in the continuation of my professional career, whatever the sector or the field of activity, to maintain an honest conduct in my relationship to knowledge, my methods and my results.

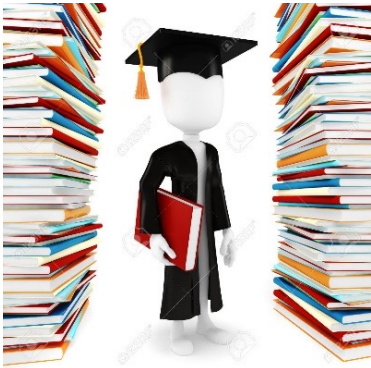
After PhD

Opportunity for PhD studies

The day after

Tomorrow

Today



Inquiry

Prepare

Get started

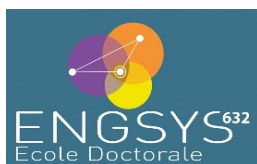
ENGYSYS-MADIS and industry

- Industrial contracts CIFRE (> 10%)
- Private doctoral contract
- Classical short term contract

ED MADIS



26 contracts CIFRE (6 women)



40 contrats CIFRE (10 women)



GS MADIS



Skills after PhD



Referent about after PhD

- Control science :
 - Jean-Yves Dieulot
- Computer science :
 - Sylvain Salvati
- Mathematics :
 - Nicolas Wicker



ODIF survey (dec. 2024) of 2021 SPI PhD

36% of SPI PhD find their jobs in Hauts de France

41% of SPI PhD find academic jobs

	EG SPI	Ensemble des docteurs 2021 de l'I-SITE ULNE
Taux d'emploi ¹	93%	89%
Taux d'insertion ²	99%	94%
Part d'emplois de niveau cadre et profession intellectuelle supérieure ³	100%	98%
Part d'emplois à durée indéterminée ³	79%	73%
Part d'emplois à temps plein ³	98%	94%
Part d'emplois localisés dans les Hauts de France ³	36%	41%
Part d'emplois dans le monde académique ^{3 et 4}	41%	47%
Part de postdoc ou CDD scientifique ³	14%	16%
Salaire/revenu net mensuel médian avant imposition (primes comprises) des emplois à temps plein localisés en France	2 693 €	2 697 €

ODIF survey (dec. 2024) of 2021 SPI PhD

- **64% of SPI PhD find jobs in private sector**

	FG SPI	Ensemble des docteurs 2021 de l'I-SITE ULNE
Privé	64%	45%
Public	35%	51%
Associatif	1%	4%
	100%	100%

ODIF survey (dec. 2024) of 2021 SPI PhD

- **14% Post-doc, 46% engineer**

Répartition par catégories d'emplois

	EG SPI	Ensemble des docteurs 2021 de l'I-SITE ULNE
Enseignants-chercheurs titulaires	16%	20%
Enseignants chercheurs contractuels (dont ATER)	4%	4%
Chercheurs titulaires et assimilés	7%	6%
Post-doctorants	14%	16%
Chercheurs contractuels (hors postdoc)	1%	1%
Autres enseignants (supérieur, secondaire, primaire)	4%	7%
Cadres de la fonction publique	4%	8%
Ingénieurs et cadres techniques	46%	30%
Autres cadres (hors FP)	4%	6%
Professions intermédiaires	-	2%
	100%	100%

ODIF survey (dec. 2024) of 2021 SPI PhD

- **62% of jobs with foreign language**
- **77% scientific jobs, 44 % with publications**

Indicateurs sur les emplois occupés

	EG SPI	Ensemble des docteurs 2021 de l'I-SITE ULNE
Part d'emplois avec activités de recherche	77%	71%
Part d'emplois avec productions scientifiques (publications, brevets, actes de congrès...)	44%	53%
Part d'emplois nécessitant la pratique hebdomadaire d'une langue étrangère	62%	63%

- **More details at**
- <https://edmadis.univ-lille.fr/apres-le-doctorat/poursuite-de-carriere>

Conclusion

- Maximize chances by having contacts previously to the hiring phase.
- Have a look at **all** the positions, not only Assistant professor in Universities
- Do not neglect doctoral training to open up more job opportunities.
- Develop your **professional skills** to find the job of your dream



To prepare your career after PhD

- Create your LinkedIn account and post your CV
- Join LinkedIn group of MADIS and ENGSYS PhD students (> 800 members)

<https://www.linkedin.com/groups/12416555/>

- Update you ADUM space with publications and skills
- https://www.adum.fr/as/ed/annulabo_these.pl?site=madis
- [Follow professional trainings](#)
- Surf on job list
- <https://edmadis.univ-lille.fr/apres-le-doctorat/emplois>

Enjoy your PhD at MADIS!

