

**Graduate School
Matter, Molecules, Materials and Geosciences (3MG)**

Welcome guide for Nantes PhD students



Your professional environment as a PhD student...

Your Employer



Employment contracts

NU, IMT-A, Eiffel Un., CNRS, ANRT, private company (CIFRE), CEA...

Your Lab (workplace)



Research & Supervisory Team
CEISAM, IMN, SUBATECH, LPG, GERS

or external home labs:
CEA, IRT, Nantes Polytech., etc..

Your Registration Institution

Registration & PhD Graduation
Public institutions

NU, IMT-A or Eiffel Un.



Scolarités / Registrar's Office

Faculty of Sciences & Technologies (NU) or
IMT-A or Eiffel Un. scholarities

Nantes : Graduate School 3MG (EUR)

Pays de la Loire Doctoral College &
Regional Doctoral School 3MG
Angers - Le Mans - Nantes

COLLEGE ED MATIERE MOLECULES
 DOCTORAL MATERIAUX &
 PAYS DE LA LOIRE GEOSCIENCES



A Regional context: a Doctoral College and a Doctoral School implemented in 3 cities





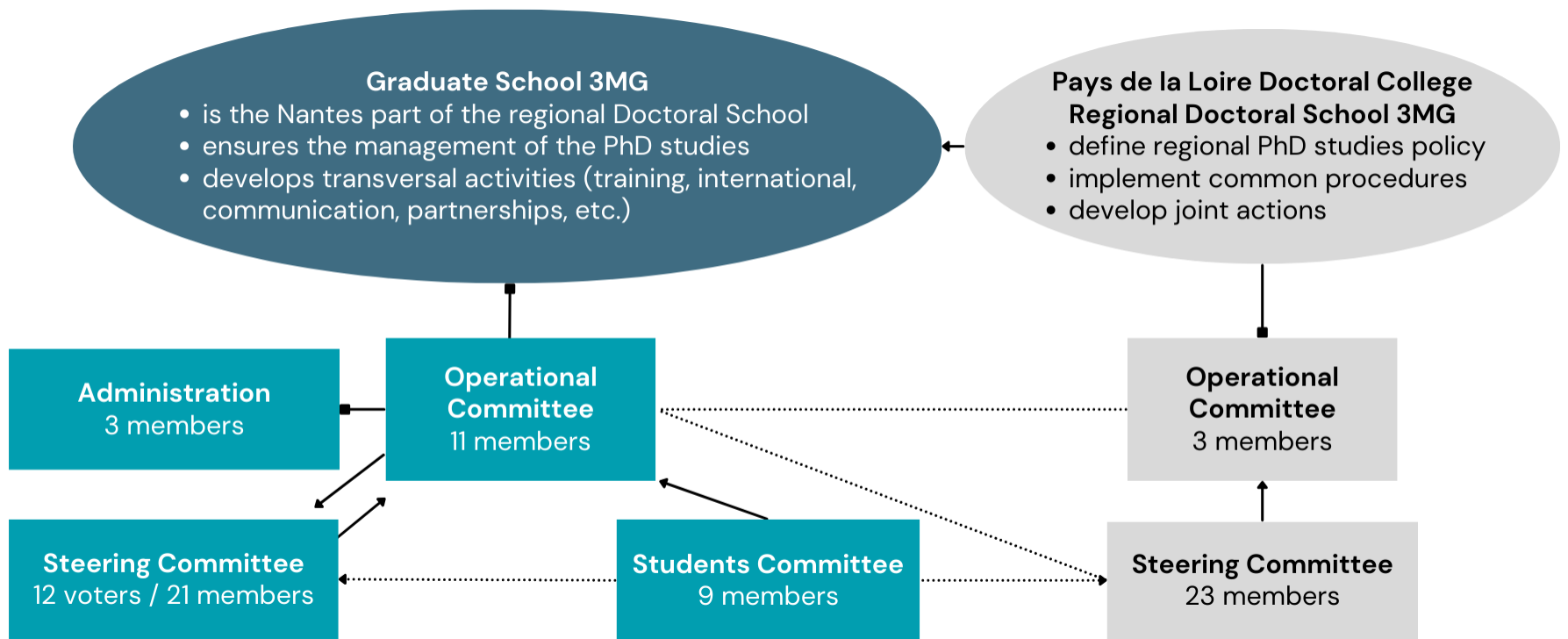

Le Mans Université


université angers

Nantes : Graduate School / Ecole universitaire de recherche (EUR)
 160 students

Le Mans : Regional Direction
 45 students

Angers
 30 students



Graduate School 3MG

- is the Nantes part of the regional Doctoral School
- ensures the management of the PhD studies
- develops transversal activities (training, international, communication, partnerships, etc.)

**Pays de la Loire Doctoral College
 Regional Doctoral School 3MG**

- define regional PhD studies policy
- implement common procedures
- develop joint actions

Graduate School “Matter, Molecules, Materials and Geosciences” 3MG *Ecole Universitaire de Recherche (EUR)*



**5 international
Laboratories**



**18 search areas
in physics, chemistry
and geosciences**



205 students
45 at master level
160 at PhD level



**240 CNRS scientists,
professors
and lecturers**

GS 3MG Research Labs



Chemistry And
Interdisciplinarity,
Synthesis, Analysis,
Modeling (CEISAM)
UMR CNRS 6230



Nantes Jean Rouxel
Institute of Materials
(IMN)
UMR CNRS 6502



Laboratory of
Planetology and
Geosciences (LPG)
UMR CNRS 6112



Subatomic Physics
and associated
Technologies
Laboratory (Subatech)
UMR CNRS 6457

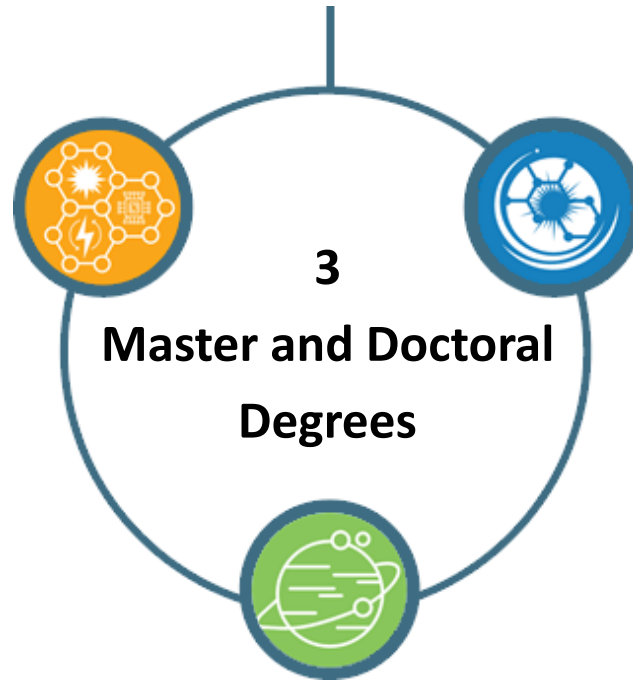


Department of
Geotechnics,
Environment, Natural
Risks and Earth
Sciences (GERS)

3MG Graduate Programmes (*Cursus Master et Doctorat - CMD*)

E-MAT INNOVATIVE MATERIALS AND ENERGY SYSTEMS

Development of functional materials for energy with applications in storage (conversion and devices), information and communications technologies, DeepTech, nanotechnologies, modeling, artificial intelligence



LUMOMAT MOLECULAR MATERIALS FOR ELECTRONICS & PHOTONICS

Development of functional materials for electronics and photonics organic with applications in photovoltaic and solar energy, photosynthesis artificial, environmental health and information storage

EPS EARTH AND PLANETARY SCIENCE

Geology, Geophysics, Planetary sciences and expertise in space missions

UPCOMING:

- NEW COURSES
- A TRAINING CATALOG MORE LINKED TO YOUR NEEDS
- THE OPENING OF 3 GRADUATE PROGRAMMES AT THE DOCTORAL LEVEL



Steering Committee of the Graduate School (EUR) 3MG

First Name	Second Name	Lab / Institution	Function	Deputy
Didier	DUBREUIL	CEISAM	Director of the Graduate School Deputy Director of the Regional Doctoral School	
Olivier	GRASSET	Nantes University	Vice-President Research and Open Science	Sébastien YOUINOU Pauline BOUDANT
Olivier	CHAUVET	Nantes University	Director of the Pole Sciences and Technologies	Antoine GOULET Sylvain COLLET
Chantal	GAUTHIER	Faculty of Sciences and Technologies	Dean	Jérémie BOURDON
Jean-Michel	BOULER	CEISAM	Lab Director	Erwan LE GROGNEC
Florent	BOUCHER	IMN	Lab Director	Stéphane JOBIC
Benoît	LANGLAIS	LPG	Lab Director	Gaël CHOBLET
Pol Bernard	GOSSIAUX	Subatech	Deputy Lab Director	Gines MARTINEZ
Eric	GAUME	GERS	Director of the Department	Johnny GASPERI
Julien	SIMONNEAU	CEISAM	Member of the Students Committee	-
Baptiste	ANDRIN	CEISAM	Member of the Students Committee	-
To be named			Member of the Students Committee	-
Laurent	FONTAINE	Regional Doctoral School	Director	-
Laurence	LE COQ	IMT-A	Director of Research and Innovation	
Philippe	POIZOT	IMN	E-Mat Programme leader	Jean Luc DUVAIL
Vincent	COEFFARD	CEISAM	LUMOMAT Programme leader	Mohamed BOUJITTA, Clémence QUEFFELEC
Gabriel	TOBIE	LPG	EPS Programme leader	Olivier VERHOEVEN
Michael	PARIS	IMN	Administrative and technical staff	
To be named			Personality ext . 1	
To be named			Personality ext . 2	
To be named			Personality ext . 3	

Operational Committee

First name	Second name	Lab / Institution	Function	Deputy
Didier	DUBREUIL	CEISAM	Director of the Graduate School Deputy Director of the Regional Doctoral School	-
Valentin	PEDEN	Nantes University	Project manager of the Graduate School	-
Christophe	PAYEN	IMN	Lab correspondant	Bernard HUMBERT
Jean Yves	LE QUESTEL	CEISAM	Lab correspondant	Erwan LE GROGNEC
Lydie	GIOT	SUBATECH	Lab correspondant	Sandrine HUCLIER
Johnny	GASPERI	GERS	Lab correspondant	Eric GAUME
Stéphane	POCHAT	LPG	Lab correspondant	
Philippe	POIZOT	IMN	E-Mat Programme leader	Jean Luc DUVAIL
Vincent	COEFFARD	CEISAM	LUMOMAT Programme leader	Mohamed BOUITITA, Clémence QUEFFELEC
Gabriel	TOBIE	LPG	EPS Programme leader	

Students Committee

First name	Second name	Lab / Institution	Deputy
Batiste	ANDRIN	CEISAM	Maylis COUTON
Alexandre	MERIEAU	IMN	Julien CHEVET
To be named		LPG	
Johan	LOIZEAU	Subatech	Nicolas BIZE
Malak	DIA	Dpt GERS	
Julien	SIMONNEAU	CEISAM/LUMOMAT	
Tanguy	FERRE	IMN/E-Mat	
Sami	SOUDANI	LPG/EPS	
Master student to be named			
Master student to be named			
Master student to be named			

Administration of the Graduate School (EUR) 3MG

Didier DUBREUIL

Director of the Graduate School

Deputy Director of the Regional Doctoral School

CEISAM

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Céline BRELET

Administrative assistant

ed-3mg.nantes@doctorat-paysdelaloire.fr

02.72.64.88.42

Valentin PEDEN

Project manager of the Graduate School

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02.53.48.73.10

Hélène TOURIGNY

International Co-supervision

cotutelle@univ-nantes.fr



**For all message to the staff, please
follow this e-mail subject guideline:**

**object_name_laboratory_PhD
supervisor_date**

Administration of the Regional Doctoral School 3MG

Laurent FONTAINE

Regional Director
Le Mans University
IMMM
Laurent.fontaine@univ-lemans.fr

Clémence BEAUDRON

Administrative Assistant
ed-3mg.lemans@doctorat-paysdelaloire.fr



**All requests have to be addressed to
the Nantes Graduate School
administration**

A website dedicated to Nantes Graduate School 3MG will open in early 2024

Until that, please use <https://ed-3mg.doctorat-paysdelaloire.fr>

Scolarity registration for GS/EUR Nantes students

Faculty of Sciences and Technologies of Nantes University

Lucie-Anne DUPONT

doctorats-sciences@univ-nantes.fr

02 51 85 81 19

IMT Atlantique

doctorat@imt-atlantique.fr

Laurane MARTIN / 1st Year PhD

02 51 85 81 19

Magali Gouez

02 29 00 14 70

Yasmina Laurent

02 29 00 11 78

Delphine Turlier

02 51 85 81 46

Laboratory correspondents

To be contacted for information or requests

- **CEISAM**

Pr. Jean-Yves LE QUESTEL : jean-yves.le-questel@univ-nantes.fr

Dr. Erwan LE GROGNEC : Erwan.Le-Grogneec@univ-nantes.fr

PhD students :

Maylis COUTON : maylis.couton@univ-nantes.fr

Baptiste ANDRIN : baptiste.andrin@univ-nantes.fr

- **IMN**

Pr. Christophe PAYEN (chemistry) : Christophe.Payen@cnrs-imn.fr

Pr. Bernard HUMBERT (physics) : Bernard.Humbert@cnrs-imn.fr

PhD students :

Alexandre MERIEAU : Alexandre.Merieau@cnrs-imn.fr

Julien CHEVET : Julien.Chevet@cnrs-imn.fr

- **LPG**

- Dr. Gabriel TOBIE : gabriel.tobie@univ-nantes.fr

- Dr. Stéphane POCHAT : Stephane.pochat@univ-nantes.fr

PhD student :

- Sami SOUDANI : sami.soudani@univ-nantes.fr

- **SUBATECH NU/ IMT-A**

Dr. Sandrine HUCLIER (chemistry) :
Sandrine.Huclier@subatech.in2p3.fr

Dr. Lydie GIOT (physics) : Lydie.Giot@subatech.in2p3.fr

PhD students :

Johan LOIZEAU: loizeau@subatech.in2p3.fr

Nicolas BIZE : bize@subatech.in2p3.fr

- **Dep. GERS**

- Pr. Johnny GASPERI : johnny.gasper@univ-eiffel.fr

PhD student :

- Malak DIA : malak.dia@univ-eiffel.fr

PhD student's associations



imn-syra@cnsr-imn.fr



Bureau Syra 2023-2024 (8)

- Association des **non-permanents** de l'IMN (doctorants, post-docs, stagiaires...)
- Depuis le 11 septembre 2019
- 102 membres (01/12/2023)
- 11 nationalités différentes
- Inscription gratuite à vie



Présentation d'un poster
pour les *étudiants de 1ère année*

Solidarité entre anciens,
actuels et futurs PhDs

Valorisation des travaux
de doctorant

Présentation orale
pour les *étudiants de 2ème année*

Événements pour la
cohésion & la détente



PhD student's associations



Oct. 2023

Ceisam Association for Scientific and
Social Interactions between Researchers

Follow us on :



@cassir.asso



Mental support and help
unit



Create a scientific
network with former and
current students

Goals and
missions

Improve the
communication intra
and inter team /
between permanent
and non-permanent
members



Facilitate the integration and
cohesion at the CEISAM for
newcomers

Organize convivial events (sports,
bar/restaurant, gala...)
Organize scientific events
(vulgarization, conferences ...)



Collaborate with other
student associations



Communication



Please, check your etu. and professional e-mails regularly and very carefully

We also communicate with the PhD students via their respective correspondents of each laboratory who disseminate the e-mail messages in their home lab including the supervisors to ensure a better diffusion.

Students e-mail addresses

Prenom.Nom@etu.univ-nantes.fr (for all PhD students registered at Nantes University)

Professional e-mail addresses

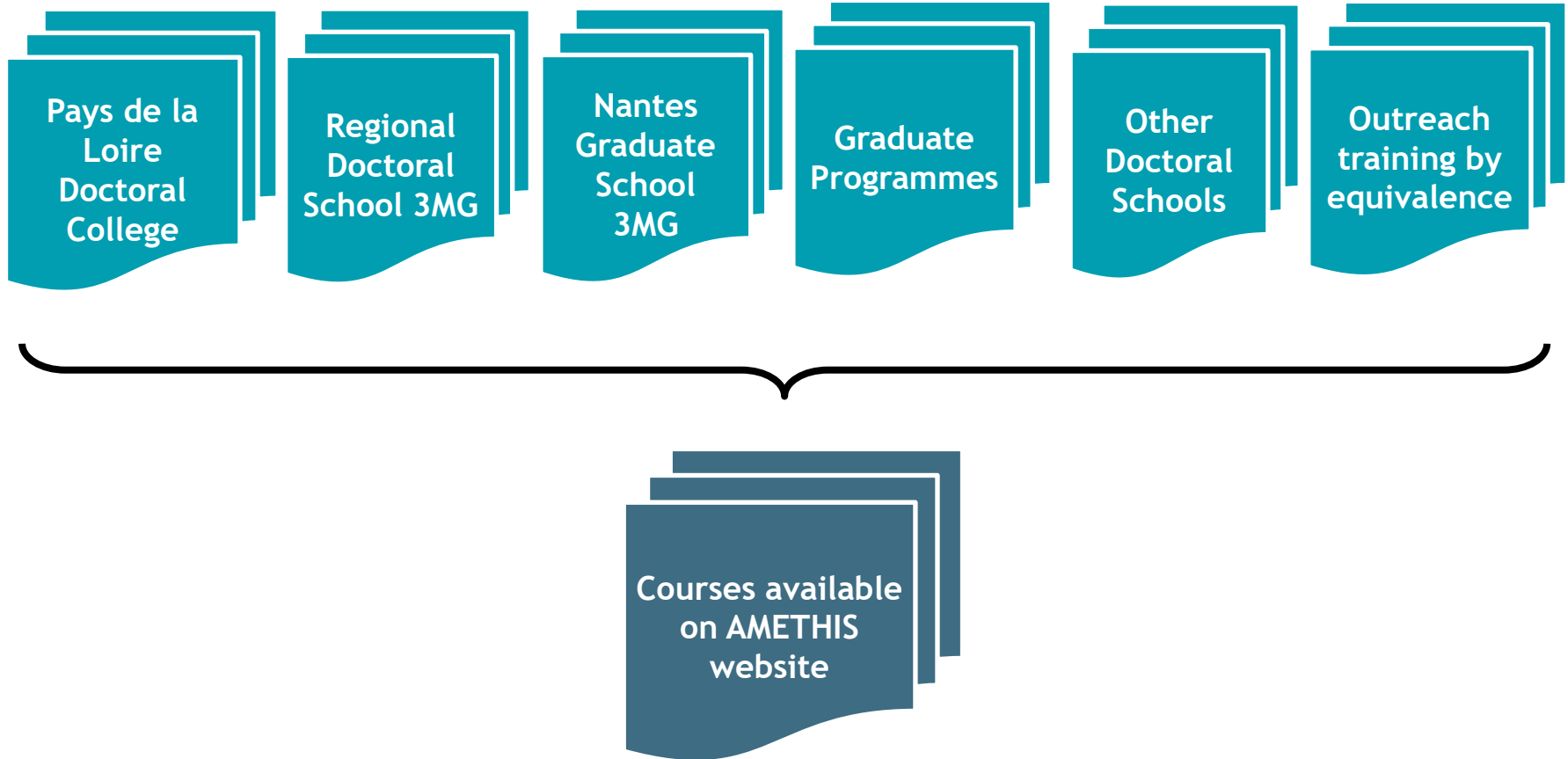
Prenom.Nom@univ-nantes.fr (PhD students of CEISAM and LPG)

Prenom.Nom@cnrs-imn.fr (PhD students of IMN)

Nom@subatech.in2p3.fr (PhD students SUBATECH)

Nom.Prenom@univ-eiffel.fr (PhD students GERS)

Doctoral training



<https://amethis.doctorat-bretagneloire.fr/amethis-client/formation/gestion/formations>

Doctoral training

100 HOURS MINIMUM ARE REQUIRED PREVIOUS A PHD DEFENSE

(less for « co-tutelle » or CIFRE)

Any combination is accepted providing a discussion with your PhD supervisor(s) about your foreseen training activities.

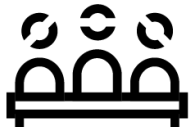
A - Scientific courses

- Theoretical training (specialized or not specialized)
- Practical training (specialized)
- Courses from other doctoral schools are available
- External theoretical formations can be accepted but with a Graduate School validation



B - General skills training

- Bibliography, scientific publications, **intellectual property**, communication, management...
- Courses mainly organized by the Doctoral College or the University Library



2 MANDATORY TRAININGS

- Open Science
- Research Ethics

**ABSENTEEISM WILL BE
FOLLOWED UP WITH AN EMAIL
TO THE STUDENT AND THESIS
DIRECTOR**

New courses offered by the Graduate School

Analytical tools in physics, chemistry and geosciences

Scientific mediation in physics, chemistry and geosciences

Data analysis with Python (to be published)

Future courses in reflection

Process your data with artificial intelligence

Data analysis with Origin

Manage your experimental data

Scientific writing workshop: from raw data to the final article

Scientific English

Management of scientific and technical projects

Innovation (intellectual property, patents, startups, etc.)

Teaching, training and supervising science students

Sustainable development in physics, chemistry and geosciences research

Inclusion in research

Doctoral training

C - Outreach training

External courses and special training activities are validated by equivalences :

- Training schools, MOOC/online courses, Master's degree courses ...
- Research stays in another lab. or in a private company for specific training
- English or French courses

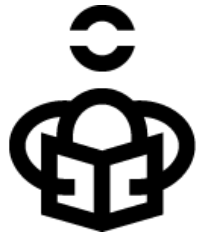
➔ *See French learning web-MOOCs for non-French speaking*

and several French courses for foreign students on Amethis or with Maison des chercheurs étrangers

- Presentation in international conferences
- Undergraduate supervision (student tutorings at Licence or Master level)
- Activities of scientific dissemination (Fête de la science, popularisation actions...)

Procedures and training equivalence scale:
<https://ed-3mg.doctorat-paysdelaloire.fr/formation>

You can contact Valentin Peden for more information



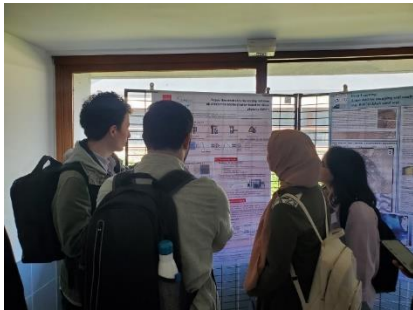
The Doctoral School Day (JED)

Once a year

The next JED will be held at the end of May/June 2024
at Angers

One Day meeting:

- Plenary conference
- Oral communications or posters
- Mandatory participation in at least two JEDs during the 3 years thesis





MANDATORY FOR ALL PHD STUDENTS

The CSI composition must be set up on AMETHIS by the PhD student no later than 4 months after its first year registration and must be validated by the Graduate School

- **1st and 2nd years:**

- Each year, a meeting must be organized preferably in person, or by videoconference
- A thesis and training report must be sent to the CSI members at least two weeks before the meeting
- The meeting must take place at least two weeks before the expected return deadline of the report by the CSI referent.

- **3rd year:**

- No CSI requested for a defence before 31 December of the 3rd year of the thesis
- In case of delay over this date for the PhD defense beyond 31 December see instructions DDS
- A Individual PhD monitoring committee guideline is available on AMETHIS
See also there the CSI form and deadline timing depending of the PhD year



Thesis Individual Monitoring Committee (CSI)

- **The PhD individual committee is composed of :**
 - at least two people not involved in the thesis with almost one HDR.
 - at least one member specialized in the discipline or related to the field of the thesis
 - at least one non-specialist of the discipline and outside the research field of the thesis.
The doctoral school defines the notion of research field in its internal regulations.
 - at least one member from outside the research unit and the establishment and regional ED perimeter.
 - The PHD supervisor and the director of EUR validate the composition of the CSI under the conditions specified by the doctoral school council and included in the internal regulations.

It is requested to contact the members of your CSI by at least videoconference within the first 6 months of the 1st year PhD registration.

***APPOINTMENT OF A CSI REFERENT AMONG THE 2 REPORTERS
FOR THE AMETHIS SUBMISSION OF THE REPORT**



OBLIGATOIRE POUR TOUS LES DOCTORANTS

La composition du CSI doit être mise en place sur AMETHIS par le doctorant au plus tard 4 mois après son inscription en première année et doit être validée par son encadrant et par l'école doctorale.

- **1^{ère} et 2^{ème} années :**
 - Le CSI doit être organisé chaque année en présentiel de préférence, ou par visioconférence, quelque soit la date du début de thèse dans l'année scolaire.
 - Un rapport des travaux de thèse et un bilan de formation doctorales est à fournir aux membres du CSI 2 semaines avant la réunion.
 - La réunion CSI doit elle-même se dérouler au moins 2 semaines avant la date limite de retour du compte-rendu à l'ED par le référent CSI désigné par le doctorant.
- **3^{ème} année :**
 - Pas de CSI demandé pour une soutenance avant le 31 décembre de la 3^{ème} année d'inscription en thèse.
 - En cas de soutenance au-delà de cette date, un CSI est obligatoire et une Demande de Délai Supplémentaire (DDS) est impérative.

Un guide du CSI est disponible sur AMETHIS

Voir également le formulaire CSI et les dates prévues, qui dépendent de l'année d'inscription

- **Le comité de suivi individuel doit être constitué de :**
 - au moins deux personnes non impliquées dans la thèse dont une au moins HDR
 - au moins un **membre spécialiste** de la discipline ou en lien avec le domaine de la thèse
 - au moins un **membre non spécialiste extérieur au domaine de recherche** de la thèse. *L'école doctorale définit ce critère par la spécialité de ce rapporteur qui ne doit ni être dans le domaine scientifique du sujet de thèse, ni s'inscrire dans une spécialité connexe en lien avec le sujet de thèse (spécialité thématique d'une collaboration, comme des domaines biologiques ou expérimentaux, par exemple).*
 - au moins un membre extérieur à l'unité de recherche du/de la doctorant·e et à son établissement d'inscription (périmètre régional de l'ED inclus).
 - Le directeur de thèse valide la composition du CSI sur AMETHIS dans les conditions précisées par le conseil de l'école doctorale et inscrites dans son règlement intérieur.

Il est demandé de prendre contact avec chacun des membres du CSI par visioconférence dans les 6 premiers mois suivants l'inscription en thèse.

**NOMINATION D'UN REFERENT CSI PARMIS LES 2 RAPPORTEURS POUR LE DÉPÔT
DU COMPTE-RENDU SUR AMETHIS**



PhD mobility grants for 2024

For what ?

- Conferences (if you are author of an oral communication *or a poster*)
- Training schools
- Scientific collaborations with a foreign laboratory
- Immersion training in a foreign laboratory for special trainings

Travel to the partner institution in a context of a co-directed thesis is not eligible

How much?

- €350 in France
- €500 in Europe (including UK)
- €800 outside Europe

A co-financing must be offered by the home laboratory or by the host institution

How to apply?

Application form will be available on EUR and ED web sites at the beginning of January
You have to send your request at least two months before the departure

Recherche de logement ou de système de caution ou bail existant.

Maison des chercheurs étrangers / informations garant logement :

<https://www.nantes-chercheur.org/en/service/house-foreign-researchers-accommodation/>

Recensement logement étudiants :

https://www.studyinfrance.net/fr/erasmus-france/esn-nantes/logement-erasmus-nantes/?fbclid=IwAR1dzCc98KEmqkvXbSLwV3R2_jpKIJq6q7tYqA4xjMV4Qasf0rvodl86Jug#recherche

VISALE caution locative gratuite pour étudiants :

<https://www.visale.fr/visale-pour-les-locataires/avantages/>
<https://www.campusfrance.org/fr/VISALE-caution-locative-etudiante-gratuite>

organisme de caution :

<https://help.garantme.fr/en/who-can-be-eligible-to-the-garantme-guarantee>