



Doctoral School (ED) MSTII

Journée d'accueil // Welcome day

François Dahmani, 12 Dec. 2024.

Overview

- What is ... a **Doctoral School** ? Who are we ?
- **Welcome** ! Find out your **environment** !
- Highlight : Managing your **mandatory training**
- Highlight : Create your **CSI**, and use it well
- Highlight : **Defense** ... hopefully !
- Take home message
- Meet your representative, and your « responsable de spécialité »

What is ... a Doctoral School ?

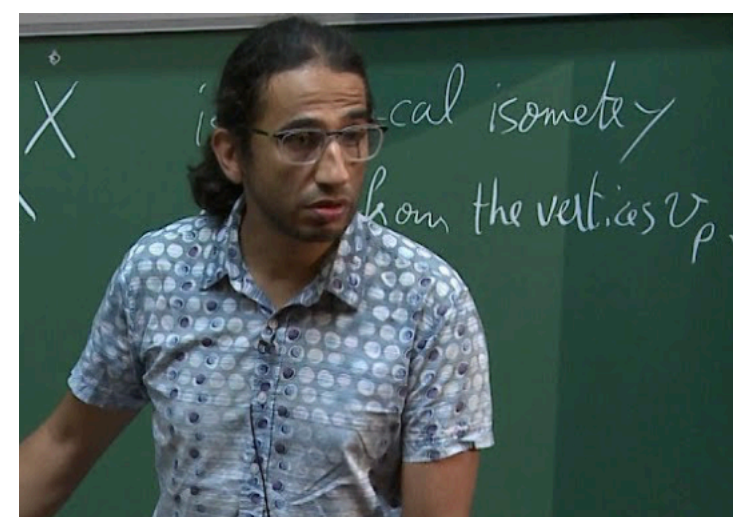
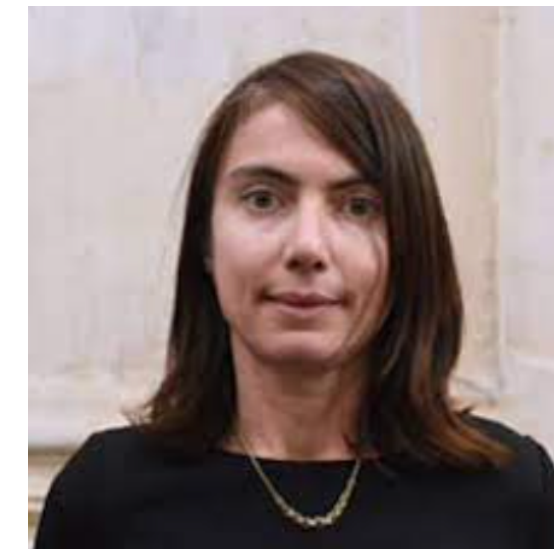
- Your doctoral journey is about *Research* and *Writing a thesis*
- It is also about *earning a degree : the Doctorate*

Where does it happen ?

- The *research* takes place in the *Lab, with your thesis advisors ...*
- Getting *the degree* happens *in the University, through the Doctoral School !*
 - We provide personalized support, scientific courses, opportunities to enhance your skills
 - We assist with planning and adjusting your doctoral training path.
 - You show your research achievements, and fulfill training requirements

The Doctoral School Team

- Zilora Zouaoui and Amiel Kumbah
- Computer Science : Nicolas Gast
- Computer Science : Pierre Genevès
- Math/CS : Karteek Alahari
- Applied Math : Clémentine Prieur
- Pure Math : Alain Joye
- Director : François Dahmani



Welcome

to your doctoral endeavour

- Research
- Becoming an expert
- Experiencing Uncertainty and Complexity
- Overcoming challenges few will understand
- Embracing new ways of thinking

(and of course, all memes in PhDComics.com, or IlovePhD.com...)

- Good luck on this remarkable journey!

Your environment

Thesis side —

- Your **thesis advisor(s)**

Meet *regularly* 🕒 !

Discuss science, ideas, tasks, mistakes, objectives... AND paperwork !

A significant part of your thesis success depends on maintaining healthy, regular, and relevant discussions with your advisor(s).

- Your **Lab team**

Participate in **seminars**, working groups, and **convivial gatherings**.




- Your **Lab**

Familiarize yourself with lab **rules and procedures**.

Get to know the **HR person**, you have a contract there ! (Lab, CNRS, Inria...)

Your environment (2)

Doctoral side —

- Your **Monitoring Committee « CSI »** (meets every year) 
Meet your external referent annually to review your working conditions, organizational choices, and progress.
- The **Doctoral School**
The **Speciality Referent** represents the DS in your topic. Reach out whenever appropriate!
Reviews your CSI reports and training portfolio annually.
and handles your yearly registration.  (*beware of the deadlines !*).
At the end of your doctorate, validates your thesis committee, reviews reports, and...
eventually authorizes your defense ! . (*beware of the rules !*)
- The **Doctoral School and College**,
Offering the services you discovered this afternoon....
Training, professional insertion, **Bulle d'Air**, **Regulation cell...**

Ressources

- **Monthly NewsLetter** from your favorite ED !

Read it ! Keep it ! A lot of important informations there.

- **ED Website** : edmstii.univ-grenoble-alpes.fr
Rules for CSI, committees, breaks, defenses...
Links to doctoral courses, formation
- **ED staff and/or speciality referent** : questions, alerts...

Managing your Training

Your Training Requirements (120 Hours Total):

- **40 hours in your Speciality** (Math, CS...).
Example : the doctoral mini-courses, winter or summer school ...
- **40 hours in Transversal Skills.**
Example : Ethics in Science (mandatory), communication, scientific culture, doctoral courses in other sciences
- **40 hours dedicated to Career Development.**
Example : training « how to teach », « how to find a job », actually teaching, internship, CIFRE, international experience
 - Those courses must be documented in ADUM, and validated by ED, each year ! You expand your competence portfolio

Finding the doctoral courses

The screenshot shows a web browser window with the URL `edmstii.univ-grenoble-alpes.fr`. The browser's address bar includes several tabs: "Arrêté 2016 consol", "Adum", "ED MSTII", "https://edmsti...fr/adminsite", and "Zimbra: Réception". The website header features the UGA logo, "UNIVERSITÉ GRENOBLE ALPES", "ÉCOLES DOCTORALES", and a language selector set to "Français". The main content area displays the "École doctorale" logo and name: "École doctorale Mathématiques, sciences et technologies de l'information, informatique". A red "RECHERCHE" button is visible. Below the header is a navigation menu with items: "L'ÉCOLE DOCTORALE MSTII", "CANDIDATER", "LA THÈSE", "FORMATION", "INTERNATIONAL", and "ENCADRANTS / HDR". The main banner features a blue abstract background with a white text box containing the following text:

Bienvenue à l'École doctorale Mathématiques, Sciences et technologies de l'information, Informatique

L'école doctorale Mathématiques, Sciences et technologies de l'information, Informatique (ED MSTII) est une école doctorale thématique de la région grenobloise. L'ED MSTII est une des 13 écoles doctorales du

Demonstration attempt ????

Create your « CSI » (monitoring committee)

- Choose at least one person,
not in Grenoble, **not** participating in the supervision : **the CSI expert(s)**.
Discuss it with your advisor, choose a trusted person who has no conflict of interest and is independent of your thesis advisor...
- You'll meet **every year, around may/june** :
 - you write an overview, or survey, of your progress
 - you organise a meeting with the experts, and advisors, online (zoom, bbb)
 - a/ you present your survey (20' +10'). *this is not a defense!*
 - b/ then you discuss with experts, without advisors
 - c/ then advisors will discuss with experts, without you
 - d/ then you have a debrief all together
- You read the **opinion/advice of experts**, and you can **answer...**
sometimes meet again the same summer.

How to use your CSI ?

- Mission of the CSI : detect room for improvement in the working conditions
- During the meeting, you can say what you find « suboptimal », you can request some degree of confidentiality. In case of big problem, this can help finding the good way forward, the good helping service.
- You read the opinion/advice of experts, and you can answer... sometimes meet again in autumn. The advices are usually good !

Defense...

- Can be authorized after completion of training, including the validation of « Ethics in Science », and...

after having written a Doctoral Manuscript, with relevant, new, contribution to science, refereed by approved committee... 🤔
- **Writing is difficult**, it takes time, stamina... approach it methodically !
- Defense before 21th dec: you don't need to register for a new year. After ? You need to !
- 4th year ? Find a funding ! Communicate a precise schedule, and outline
- 5th year ?? 😓😓 thesis must be $\geq 80\%$ written up. Defense date is mandatory.

The day(s) after...

- Enjoy becoming a doctor (hopefully ! 🙌)
- But also pay attention to the « days after » :
 - apply to jobs, postdocs (anticipate),
 - have managed the paperwork of your « agrégation »
 - consider other options than « academic research forever », see career services
 - PhD alumni Network
- Know the skills that you (will have) cultivated : determination, analytic thinking, problem solving, team working, experience of complexity and incertitude, self-management, overcoming drawbacks, ...

Take home message

- Take your CSI seriously, and responsibly, with an eye on deadlines
- Update you ADUM with the courses you take each year
- Signal any problem to the ED — (sooner is better)

anticipate that for every action there will be delays you can't compress !

- Have a healthy professional scientific fruitful relationship with your advisors : they must (and will) help you

Meet your representatives, and referents...

Vos représentant.es au conseil de
l'ED

- Malo Hillairet IF, bureau 307
- Flora Helmers IMAG, bureau 322
- William Sarem IF, bureau 113
- Yiqun Liu IF, bureau 307
- Antoine Klughertz IF, bureau 113

Mail : prénom.nom@univ-grenoble-alpes.fr

– Questions...

