



Doctoral School (ED) MSTII

Journée d'accueil // Welcome day

François Dahmani, 14 Dec. 2023.

After the original presentation of Bernard Tourancheau

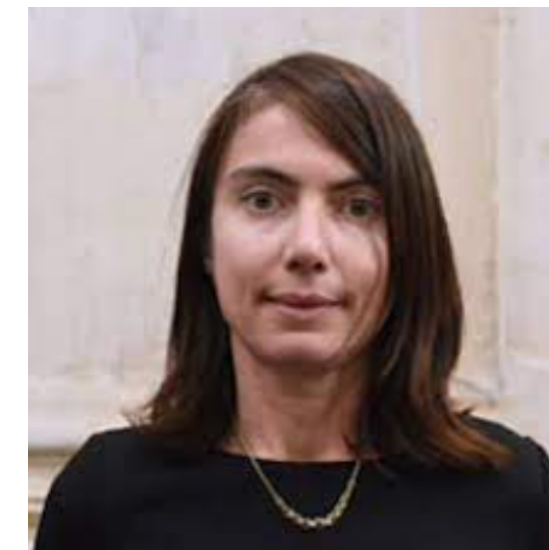
Program Overview

- The Doctoral School MSTII : the team, the structure, the communication
- Your Duties
- Your Monitoring Committee (the « CSI »), the defense and the days after
- Take away message
- Meet your « responsable de spécialité »

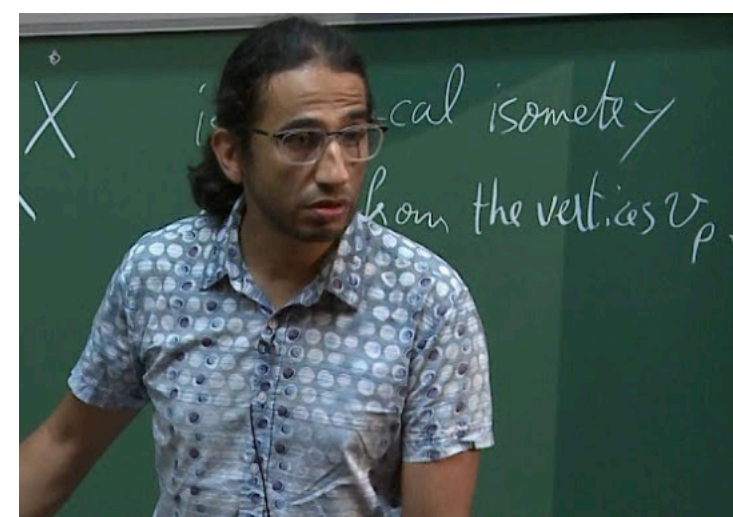
The Doctoral School Team



- 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 incertitude, complexity ...
- Overcoming difficulty that only a few understand ...
- Embracing new ways of thinking about ... stuff ...

- Good luck !



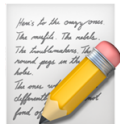
Your environment

- You have a PhD advisor (sometimes more than one), who you meet *regularly*  .
*You discuss science, ideas, tasks, mistakes, tentatives, objectives, theorems, algorithms...
AND paperwork !*

A lot of your thesis depends on how healthy, regular, and relevant are your discussions with your advisor(s).

- You have a scientific environment (lab, seminar(s), team(s), teammates).
This is your workplace now.

Your environment (2)

- You have a contract and related HR (lab, CNRS, Inria, *know who is paying you...*)
- You (will) have a monitoring committee « CSI » (meets every year) 
- **We (the Doctoral School) every year** : read your CSI reports, record your achieved formation (doctoral courses, schools...), decide re-inscription (or not)  (*beware of the deadlines !*).
- **We (the Doctoral School) at the end** : validate your thesis committee (*beware of the rules !*), read your thesis reports, and authorize (or not) your defense .

Communication from the Doctoral School



- **Monthly NewsLetter from your favorite ED !**
 - **Read it !! Keep it !!**
 - Seriously, read it, keep it. A lot of important informations there.
- ED Website : rules for CSI, committees, breaks, defenses...
- ED Website : link to doctoral courses, formation
- **ED secretary and/or scientific contact** : as soon as a problem occurs

Your Duties

- Hard scientific work, structured, creative, relevant... Discuss this topic with your advisor
- Courses/Training : 40h on your speciality (Master specialized courses, Winter schools...)
- Courses/Training : 40h « transversal » (Ethics in Science (mandatory), communication, scientific culture, other sciences)
- Courses/Training : 40h « professional » (How to teach, how to find a job, how to ...)
Labels : Teaching / Entreprise / Collectivités publiques
 - Those courses must be documented in ADUM, and validated by ED, each year !
- CSI, and registration : observe the **deadlines**, every year a **CSI** meeting + report

The « CSI » (monitoring committee)

To do by May/June... deadline for last development : September

- Two people, one not in Grenoble. (The CSI experts)
- You write an overview, or survey, of your progress
- You organise a meeting with the experts, and advisors, online (zoom, bbb)
- You present your survey (20' +10'). No pressure, this is not a defense.
- You discuss with experts, without advisors
- Then advisors will discuss with experts, without you
- You read the opinion/advice of experts, and you can answer... sometimes meet again the same summer.

Defense...

- Can be authorized after 120h of doctoral courses, including the validation of « Ethics in Science », and...

after having written a Doctoral Manuscript, with relevant, new, contribution to science, checked by the anti-plagiarism automaton, and refereed by approved committee.

(.... easy peasy, no???)

- **Writing is difficult**, it takes time, stamina... approach it methodically !
- Defense before 31th 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 », perhaps...
- 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 your ADUM with the courses you take each year
- Signal any problem to the ED (sooner !)

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
- Rock the MT180 ! (If you feel like it)

