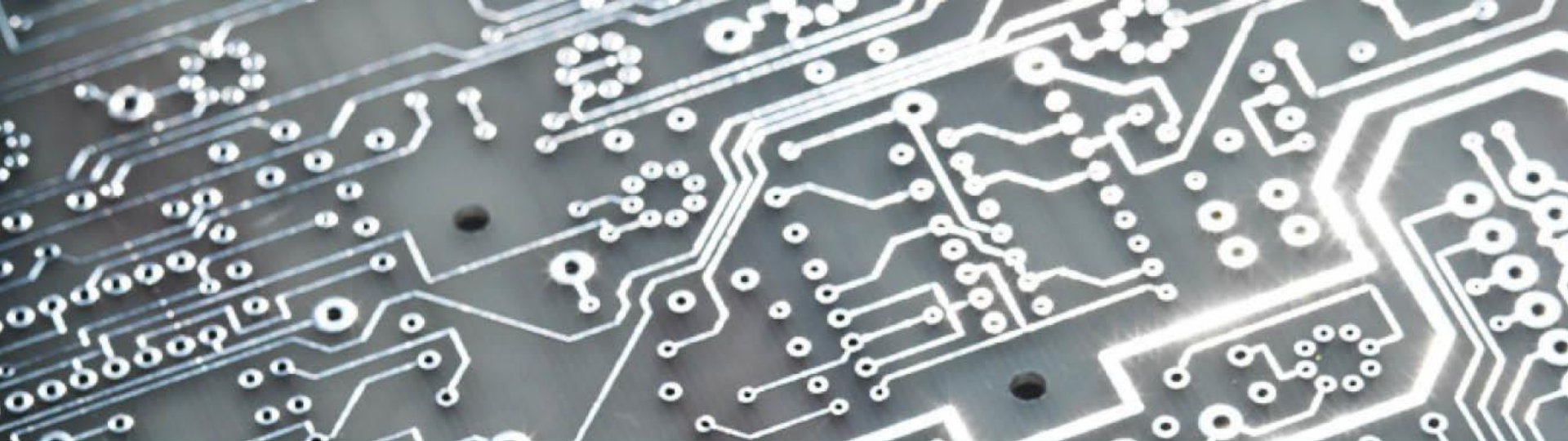




# BACHELOR THESIS 2023

Structure and key dates



# THE BASICS



# STRUCTURE

Eight Weeks or +  
Research  
Internship

14 ECTS credits

Lab Work

Bachelor Thesis  
Report (20 to 30  
pages)

Oral Defense (20  
min presentation  
+10 min  
questions)

# THE DISCIPLINES

Pure Math

Applied  
Math

Physics

Mechanics

Economics

Computer  
Science

Biology

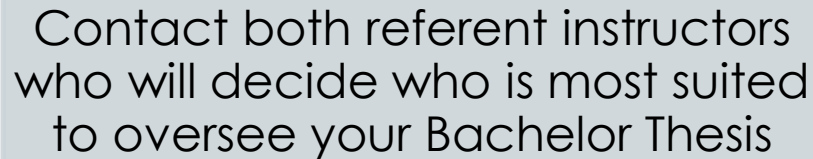
Chemistry

# SPECIFIC CASES

Overlapping  
disciplines



Contact both referent instructors  
who will decide who is most suited  
to oversee your Bachelor Thesis



Let your 3rd year Officer know about the decision made

# WHERE ?

Here at Ecole  
Polytechnique



It is your responsibility to  
contact the people you  
want to work with &  
explain your project.  
You must validate it with  
your referent instructor

In another institution



You must get an  
approval of **the Dean**  
**and your referent**  
**instructor** before  
committing with this  
institution



X

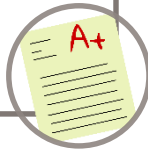
THE PEOPLE





- **Your referent instructor**

Appointed by the departments, they evaluate your BT in the defense jury



- **Your tutor**

Contacted by you, the person who supervises you on a regular basis during the internship and who evaluates you in the defense jury



- **The administration**

Your 3rd year officer, the Dean if you want to pursue a BT outside I'X and the internships office (SOIE)





# YOUR REFERENT INSTRUCTORS

## Pure Math

- Kleber Carrapatoso
- [kleber.carrapatoso@polytechnique.edu](mailto:kleber.carrapatoso@polytechnique.edu)

## Applied Math

- Mazyar Mirrahimi
- [Mazyar.Mirrahimi@inria.fr](mailto:Mazyar.Mirrahimi@inria.fr)
  - [mazyar.mirrahimi@polytechnique.edu](mailto:mazyar.mirrahimi@polytechnique.edu)

## Economics

- Geoffrey Barrows
- [geoffrey-masters.barrows@polytechnique.edu](mailto:geoffrey-masters.barrows@polytechnique.edu)

## Mechanics

- Sophie Ramananarivo
- [sophie.ramananarivo@polytechnique.edu](mailto:sophie.ramananarivo@polytechnique.edu)

## Physics

- Steffen Backes
- [Steffen.backes@polytechnique.edu](mailto:Steffen.backes@polytechnique.edu)

## Computer Science

- Emanuel Haucourt & Sergio Mover
- [emmanuel.haucourt@polytechnique.edu](mailto:emmanuel.haucourt@polytechnique.edu)
- [sergio.mover@polytechnique.edu](mailto:sergio.mover@polytechnique.edu)

## Biology

- Christophe Le Clainche
- [christophe.leclainche@i2bc.paris-saclay.fr](mailto:christophe.leclainche@i2bc.paris-saclay.fr)

## Chemistry

- Audrey Auffrant
- [audrey.auffrant@polytechnique.edu](mailto:audrey.auffrant@polytechnique.edu)

# THE ADMINISTRATION TEAM IN 2021/2022



Third year officer: Coming soon!



Head of Internships services (SOIE):  
Christophe Gerbron  
[christophe.gerbron@polytechnique.edu](mailto:christophe.gerbron@polytechnique.edu)

# THE ROLE OF THE REFERENT INSTRUCTOR

- Liaise with staff in research lab and guide you to make contacts .
- Approve your subject topics.
- Follow up with your tutor.
- Evaluate your thesis reports and your oral defense with the second member of the jury who is your internship tutor.
- Not here to assign you a tutor, but will do if they deem it appropriate!

## YOUR TUTOR

- Typically a PhD student, postdoctoral fellow, researcher or academic staff member.
- Your primary point of contact and direct supervisor during the project's research component.
- You may contact them on your own initiative when searching for a Bachelor Thesis topic, team and location.
- They may be assigned to you by your referent instructor or by the person you contacted in your host organization.

# A FEW OBVIOUS RULES

When contacting the person you have in mind for your project:

Be courteous, and polite whether it is by mail or in person

Be explicit about what your project is, what you need, show interest and motivation

When contacting several potential labs or tutors:

Make sure you get back in touch with all the ones who answer your requests

Thank them for their interest in you if you decline, do not make them wait

Make sure you tell all the others if you have accepted an offer elsewhere

Once a tutor / lab has accepted you among their team :

Thank them!

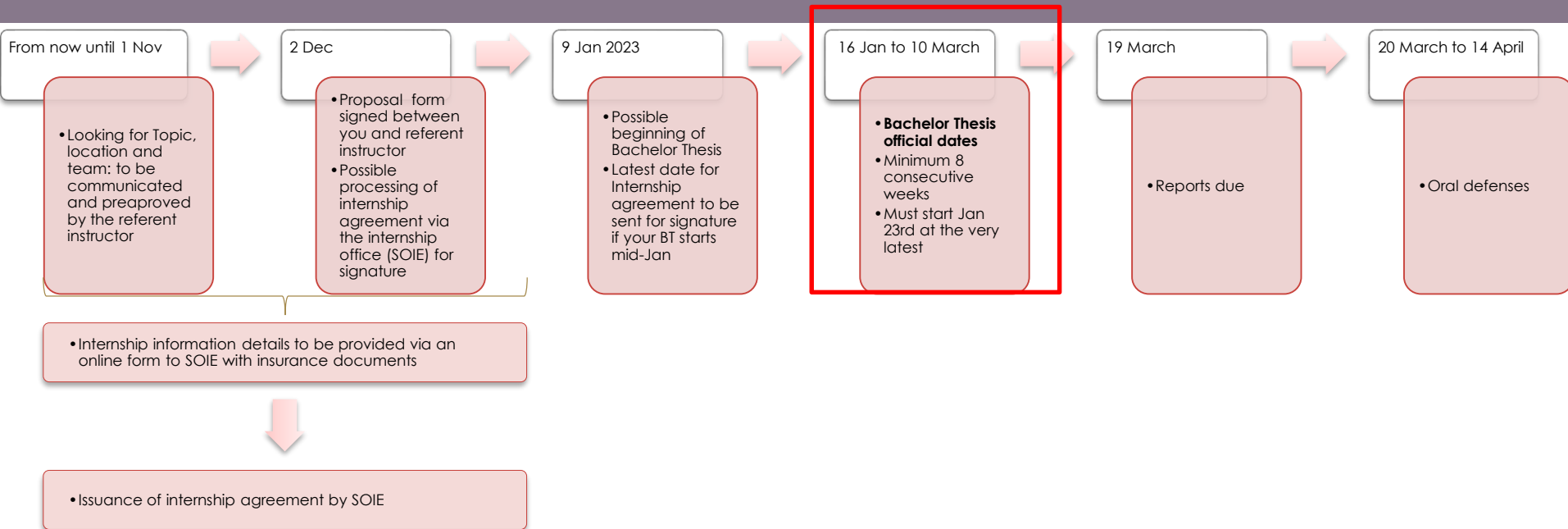
Make sure you refer them to your referent instructor.



# KEY DATES



# TIMELINE





# BACHELOR THESES OUTSIDE IP PARIS

Must be approved by the Dean before you commit



Make your request and upload your documents  
here :

[Consent from the Dean to do a Bachelor Thesis outside IP Paris](#)



# GUIDING DOCUMENTS

- Read them carefully.
- Do not hesitate to ask questions to your referent instructors and / or your 3rd year officer.



**THANK YOU FOR YOUR  
ATTENTION**