
CONF

— Lendy Mulot, Maud Marchal —

13/09/24

Contact: FirstName.LastName@irisa.fr

Other contributions by Léo Cosseron and Alexis Jensen, Isseinie Calviac, Pablo España Gutierrez, Stanislas Riou

Table of Contents

- General advice
- BIBL / COLQ
- Internships
- Ph.D.

Please ask questions anytime!
(in French or in English)

Administrative Information

- Head of the master: m2r_resp@irisa.fr
 - Contact them if you have any issues!
- Students: m2r_etudiants@irisa.fr
- Site-specific: master.irisa.fr/contacts.php

Research-Oriented Master

A computer science master before all!

- Not a specialisation

The goal is to discover research through a domain you like

- Not a contest, but be consistent with your work

All of you have different goals and objectives, and there is no reason everyone should not succeed!

This is about YOU

Workload & Organization

This year is a balancing act between :

- Classes
- Reports
- Exams

Organize yourself!

Ask teacher for the program!

Don't slack (too much)

Give feedback

Week	Day	Slot	Speaker	Topic
Semaine 47	16 Nov	Mardi		
	19 Nov	Vendredi	Fabrice	Interpolation techniques for positions and orientations, hor
Semaine 48	23 Nov	Mardi	Ludovic	Kinematics: Hierarchical Modeling, Forward & Inverse Kin
	26 Nov	Vendredi	Ludovic	Motion Capture, Editing and Control
Semaine 49	30 Nov	Mardi	Ludovic	Motion Capture, Editing and Control
	3 Dec	Vendredi	Julien	Representations for motion planning
Semaine 50	7 Dec	Mardi	Julien	Planning trajectories
	10 Dec	Vendredi	Julien	Navigation (reactive), vector/potential fields, RVO etc
Semaine 51	14 Dec	Mardi	Fabrice	Behavioral animation, task planning
	17 Dec	Vendredi	Fabrice	Behavioral animation, task planning
Semaine 01	4 Jan	Mardi	Marc	Animation for cinematography
	7 Jan	Vendredi		
Semaine 02	11 Jan	Mardi		
	14 Jan	Vendredi		
Semaine 03	18 Jan	Mardi	Ludovic	Exam
	21 Jan	Vendredi	All	Paper presentation + questions

Self-Care

A master is cool, but you are important !

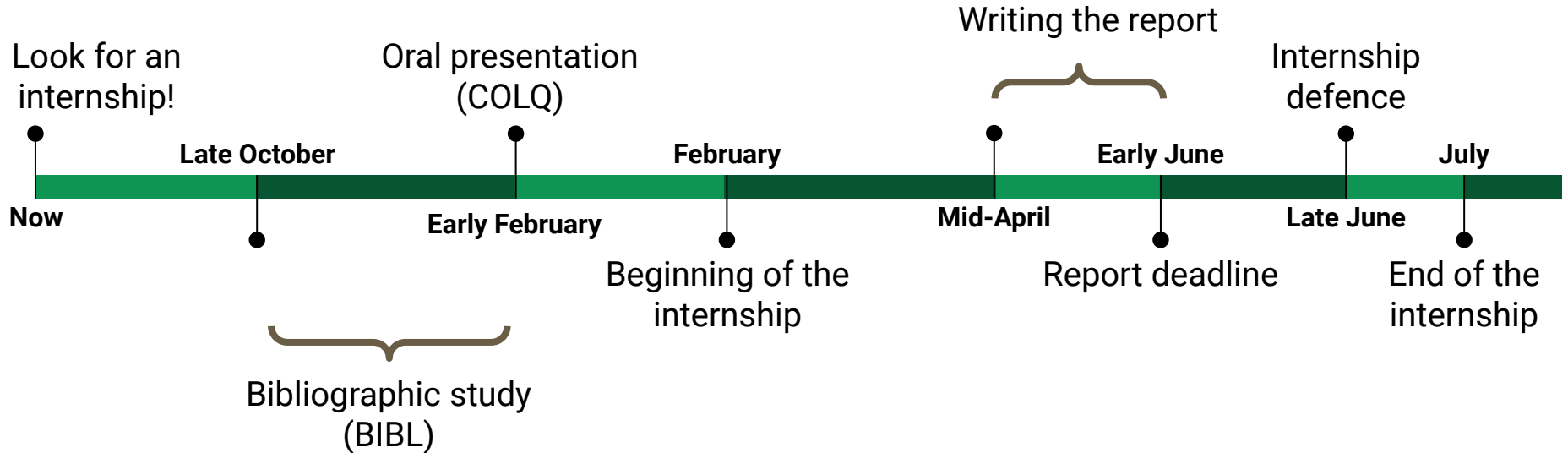
→ Don't forget to take care of yourself

Don't hesitate to report any issues (M2 resp, professors, internship supervisor), and to seek appropriate support

- Service santé des étudiant.e.s (Beaulieu) : sse.univ-rennes.eu
- Prévention, information, orientation en santé mentale : psykoi.com
psycom.org

Internship

Internship Timeline



Internship Search

- Start searching NOW
- Apply for at least 2-3 internships, to be sure you have one early November
- Contact researchers by email with your CV
 - Don't hesitate to ask for a chat!
- Sometimes the subjects can be modified, don't hesitate to ask!

Internship Search

- Where to look?
 - ensforum.ens-rennes.fr/m2sif/internships
 - inria.fr/fr/liste-des-equipes-projets
 - irisa.fr/departements-scientifiques-de-lirisa
 - Contact researchers directly
 - Former supervisors from L3/M1 internships
 - Any other external source (needs to be approved)
- Ask if the internship can lead to a Ph.D., and if they already have funding
 - And be honest if you don't want a Ph.D.

BIBL

- [https://gitlab.inria.fr/puaut/m2sif/-/wikis/Bibliographic-study-\(BIBL\)](https://gitlab.inria.fr/puaut/m2sif/-/wikis/Bibliographic-study-(BIBL))
- Start working as soon as you have your internship (it's basically a pre-internship)
- Plan a meeting every week with your supervisors to discuss the articles you read
- Set up messaging with your supervisors (Mattermost, ...)
- Ask them questions!

BIBL

- Several deadlines (guidelines to submit on time):
 - December 13: Detailed outline of your bibliography
 - January 24: Preliminary report
 - January 31: Final report
 - Tip : Have your report almost finished for the January 24 deadline
- Make sure your supervisors have read your report before submitting it!
- It's normal not to know how to write such documents!
- If your supervisors don't know the modalities, ask the head of the master


COLQ

- [https://gitlab.inria.fr/puaut/m2sif/-/wikis/Colloquium-\(COLQ\)](https://gitlab.inria.fr/puaut/m2sif/-/wikis/Colloquium-(COLQ))
- The jury members may not be experts in your domain
 - Be educational (general advice)
- Many courses have article presentations : it's a great training for COLQ

COLQ

- Start working mid-January, do at least 1 repetition with your supervisors
- Many slides can be reused later for your internship defense, Ph.D. grants
- Ask your supervisors for feedback and rehearsals
 - If they are not fully aware of the expectations, you/they can contact the M2 managers
- Talk dedicated to research presentation (CONF, date TBD)

Internship

- You don't have to commit for a Ph.D right now
 - But be honest about your situation
- Internship report/defence is a lot of work, anticipate the deadlines
 - It will go alright, but take it seriously
-  Oral presentations for Ph.D. grants are around the same time
- Don't pressure yourself too much
 - You probably won't complete every part of your internship
 - You don't have to publish

What's next?

A Ph.D.?

Finding the Right One

- **Choose supervisors you get along with!**
 - In a team you get along with
 - Talk with their current and previous students
- Choose a domain you enjoyed working on
- Keep the topic as broad as possible
 - It will get more specific when you will choose research directions
 - You don't have to find the perfect topic right now
- Again, **choose supervisors you get along with!**
- You can always talk your site-specific contact (David Baelde, Mathieu Acher, ...) if you have doubts

Getting a Funding

Many sources

- IRISA/Inria
- Region
- Specific projects (European ANR, ERC, ...)
- Ministerial (CDSN, ISA)
- CIFRE
- ... and much more!

Most administrative procedures are handled by your supervisors

→ submit a short version of the Ph.D. description in early January

Apply to different ones

Most funding require an interview

 This is often in May-June 

Talk dedicated to the Ph.D. (date TBD, Peggy Cellier)

Other Relevant Questions

What happens if I don't have a funding by the end of my internship?

- It almost never happens
- Don't worry! Starting in September/October is not mandatory
- Work in the lab as an engineer
- You can do something else for a year and apply again

Holidays?

- The actual quantity depends on the employer
- Part of it can be fixed by the employer
- e.g. Inria: 35 + 10 days, 5 fixed days
Univ Rennes: 25
INSA: unclear

Other Relevant Questions

How to do X admin stuff?

- Ask your supervisors
- Ask your team assistant
- Ask previous students

What if I don't want to do a Ph.D.?

A Ph.D. is not mandatory (but it's cool)!

You can also ...

- get an engineer position
- work as a R&D researcher
- raise/grow goats on a mountain

There are a lot of open positions in computer science

Talk dedicated to this (TBD)

Questions?

Contact

lendy.mulot@irisa.fr