

**11h15-11h35**

# DS4H Projects' presentations

Anne-Laure Simonelli



DIGITAL SYSTEMS  
FOR HUMANS  
GRADUATE SCHOOL AND RESEARCH



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# DS4H Projects in a nutshell

- **3 to 6 ECTS**
- **One day / week for a minimum of 8 weeks**
- **+ one full week immersion**

<http://erebe-vm6.i3s.unice.fr:8080/eur-options/#P310000>



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# DS4H Projects on Erebe



## Tutorships and multidisciplinary projects browser

<http://erebe-vm6.i3s.unice.fr:8080/eur-options/#P310000>

You can discover tutorships and multidisciplinary projects proposed here. Project selection is possible [from this page](#) until February 8, 2022. If you are interested in a subject, **get in touch with the advisor by email**. Tutorships allocations depend on the agreement of the advisor regarding the student profile. Multidisciplinary projects allocation depend on the constitution of the multidisciplinary team.

### Choose your Project...

### ...in accordance with the domain

2021 - 2022 | 2nd semester

<Any type> | <Any domain> | or | or

Type	Domain(s)	Advisor	Title
Tutorship	Computer Science	Sid Touati (I3S)	<a href="#">Optimisation des performances d'un programme par compilation optimisante</a>
MultDisc.	Computer Science, Other	Sid Touati (I3S)	<a href="#">Analyse et optimisation des performances d'une application de calculs scientifiques: simulation de fusion nucléaire au sein du projet ITER de Cadarache</a>
MultDisc.	Computer Science, Other	Sid Touati (I3S)	<a href="#">Etude des performances et parallélisation d'une application de simulation biologique: la plateforme logicielle MACULAR</a>
Tutorship	Computer Science	Chadi Barakat (Diana Project-T)	<a href="#">Mining the ACQUA dataset and improving the application behavior</a>
Tutorship	Computer Science	Frédéric Mallet (Inria)	<a href="#">K-Framework pour le temps logique</a>
Tutorship	Computer Science	Margarida Romero (LINE)	<a href="#">Développement informatique (ou analyse de données) dans l'analyse d'une tâche de résolution de problèmes</a>
MultDisc.	Digital Management and Economy, Computer Science	Jean-Sébastien Vayre (GREDEG)	<a href="#">Quantitative study of patents in the field of artificial intelligence applied to health.</a>
MultDisc.	Digital Management and Economy, Computer Science	Jean-Sébastien Vayre (GREDEG)	<a href="#">DESIGN OF A TOOL FOR AUTOMATIC ACQUISITION, PROCESSING AND VISUALIZING THE NETWORK OF PRIVATE AND PUBLIC ACTORS INVOLVED IN THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE TECHNOLOGIES</a>
Tutorship	Computer Science	Mirella Blay-Fornarino (I3S)	<a href="#">Automatic construction of configuration interfaces for Data Scientists</a>
Tutorship	Computer Science	Gaelan Rey (I3S)	<a href="#">Prise en compte des intensions utilisateurs pour l'adaptation contextuelle</a>
Tutorship	Electronics	Jérôme Lanteri (LEAT)	<a href="#">3-D Printed All-Dielectric Reflectarray For Radar Applications</a>
Tutorship	Computer Science	Marie-Agnes Peraldi Friali (I3S/INRIA)	<a href="#">Specification language for IoT system deployment</a>
Tutorship	Computer Science	Daniel Gaffé (LEAT)	<a href="#">Génération automatique d'architectures matérielles de Réseaux de neurones</a>
MultDisc.	Computer Science, Digital Law, Digital Management and Economy	Gilles Menez (I3S)	<a href="#">Internet des Objets pour la surveillance des personnes dépendantes</a>
Tutorship	Computer Science	ali Ballout (I3S)	<a href="#">Calculating ontological distances in python</a>
Tutorship	Computer Science	Jean Martinet (I3S)	<a href="#">Neuromorphic hardware comparison: Human Brain Project SpiNNaker vs Intel Loihi</a>
Tutorship	Computer Science	Jean Martinet (I3S)	<a href="#">Synaptic delays for temporal pattern recognition</a>
Tutorship	Computer Science	Jean Martinet (I3S)	<a href="#">Stereo Matching for Event-Based Cameras Demonstration</a>



## STEP 1

*from Feb 8th*

- > **Enter your projects' wishes on**  
<http://erebe-vm6.i3s.unice.fr:8080/ds4h-projects/ProjectsSelection.html>  
**+ in the mean time get in touch and meet the tutor of the wished projects**  
**AL SIMONELLI must be in copy**
  
- > **The tutor accepts your application and you accept the project?**  
**Inform AL SIMONELLI asap**
  
- > **Wait for the Master's responsible agreement. He/She agrees?**  
**Go to Step 2**

## STEP 2

*before mid February*

- > **Proceed to your tutorship agreement**
  
- > **Send to AL Simonelli the agreed schedule (to be defined between student and tutor) for the Spring semester:**
  - **+ one day / week during a minimum of 8 weeks (Fridays from mid Feb until mid April)**
  - **one week immersion (mid April)**



## STEP 3

*Once candidature is accepted and tutorship agreement edited*

Important dates for conducting a research project during Spring 22:

- Start at the latest **Feb 25th**
- Mid term meeting **1st week in April**
- One week full immersion **mid April**
- Lecture « become an effective communicator » **April 08th**
- Deadline written report: **April 25th**
- Rehearsal oral presentation: **April 25th and 26th**
- Reflexive session: **April 27th**
- Final oral presentation: **April 29th + May 6th**

**Any question? Contact [anne-laure.simonelli@univ-cotedazur.fr](mailto:anne-laure.simonelli@univ-cotedazur.fr)**

**11h50-12h30**

**DS4H Options: How to register?  
Questions**



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STEP  
1

**ADMINISTRATIVE REGISTRATION**  
**NO « AR » = NO DIPLOMA**

STEP  
2

**PEDAGOGICAL REGISTRATION**  
**NO « PR » = NO DIPLOMA**

**MANDATORY  
COURSES**

**OPTIONAL COURSES**

**DISCIPLINARY  
OPTIONS**

**DS4H OPTIONS**

STEP  
3

**MINORS**

**PROJECTS**



# STEP 1 : Administrative Registration



**Administrative registration is mandatory for all students and must be completed by now.**

**The details of the procedure of your administrative registration were the following:**

- ✓ **paid the « Student and Campus Life Contribution » (CVEC).**
- ✓ **register for administrative procedures and pay your registration fees**
- ✓ **activate your Sesame account and access your ENT**
- ✓ **submit your documents on PJWeb**
- ✓ **edit your school certificate and get your student card**

**No AR, no student status, so no diploma!**

- **In order to access all university's digital tools : Moodle, university mailbox ([prenom.nom@etu.univ-cotedazur.fr](mailto:prenom.nom@etu.univ-cotedazur.fr)), schedule, WiFi, computer rooms...**

**Be very careful. The university mailbox is your official email. We exclusively use it to communicate with you.**

**Check your @etu address often !**



STEP  
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**MANDATORY  
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**DISCIPLINARY  
OPTIONS**

**DS4H OPTIONS**

**MINORS**

**PROJECTS**



# STEP 2 : Pedagogical Registration

## 1/ Why do you need to do your Pedagogical Registration (PR)?

- To register and formalize your choices of optional courses
- To set up your pedagogical contract



**No PR, No Diploma!**

## 2/ How to do a PR?

- It must be done every semester
- For disciplinary options, you will have to realize your PR according to the terms that will be communicated by your Master's student affairs department (usually: online with IPWEB via your ENT).
- For DS4H options (minors & projects), let see next slide.

STEP  
1

**ADMINISTRATIVE REGISTRATION**  
**NO « AR » = NO DIPLOMA**

STEP  
2

**PEDAGOGICAL REGISTRATION**  
**NO « PR » = NO DIPLOMA**

**MANDATORY  
COURSES**

**OPTIONAL COURSES**

STEP  
3

**DISCIPLINARY  
OPTIONS**

**DS4H OPTIONS**

**MINORS**

**PROJECTS**



# STEP 3 : Pedagogical Registration



DS4H optional offer specific PR process:

	DS4H PROJECTS	DS4H MINORS
1	Pre-registration through EREBE*: you express 3 wishes for projects/minors, between February 3 <sup>rd</sup> and 8 <sup>th</sup> ! <a href="http://ds4h.univ-cotedazur.eu/erebe">http://ds4h.univ-cotedazur.eu/erebe</a>	
2	The pedagogical team selects and assigns the students to the projects.	Be careful: 1st arrived, 1st served!
3	For tutorships, it is mandatory to make a tutorship agreement (« Convention de tutorat »).	
4	Registration through IPWEB : you will confirm the project/minors you've been assigned to (no later than weeks 12/13)	
No PR = no agreement = no grades = adjourned!		

**However, I remain at your disposal for any questions.**  
**You also have at your disposal via your ENT account a GLPI Student Affairs department assistance platform: <http://glpi-form-sco.univ-cotedazur.fr/>**



# Tutorship specificities

**DS4H OPTIONS**

**MINORS**

**PROJECTS**

**INDIVIDUAL  
TUTORSHIPS**

**MULTIDISCIPLINARY  
RESEARCH  
PROJECTS**

**INNOVATION AND  
CREATIVITY  
PROJECTS**



# Tutorship Agreement

To carry out a tutorship (= tutored internship in a laboratory),

- The pedagogical team must have validated your subject
- Anne-Laure Simonelli must have formally agreed for you to carry out your tutorship
- **You must be in possession of a Tutorship Agreement.**



## Why do you need a Tutorship Agreement?

The internship agreement defines the mutual commitments of the trainee and the host organization. This contract allows you to set out in writing all the essential points of the internship, but also in terms of: safety, industrial protection, your access to the laboratory, schedule...

Legally, as for an internship, you must be in possession of a tutorship agreement (articles L. 124-1 to L. 124-20 of the Education Code).

**No tutorship agreement, no diploma !**



# Tutorship Agreement: how to proceed?

1. Send an email to me ([virginie.valot@univ-cotedazur.fr](mailto:virginie.valot@univ-cotedazur.fr)) and:

ATTACH	SPECIFY
e-mail validation of your application of your training manager (copy Anne-Laure Simonelli)	Dates of your tutorship days : including your immersion period
<b>3 mandatory documents:</b> <ul style="list-style-type: none"><li>• Civil liability insurance, covering company internships</li><li>• CPAM certificate</li><li>• Copy of your student card</li></ul>	Place of tutorship : precise address
	Subject of your tutorship

**These elements are mandatory to establish your tutorship agreement !**





# Tutorship Agreement: how to proceed?

2. Then I transmit your Tutorship Agreement to you for checking and complements:

→ Section "**entrusted activities**" to be completed by your supervisor

→ 3 **signatures** are required before starting your tutorship :

- Tutor
- Educational establishment
- Host organization

3. Once you have obtained all the signatures, all parties get a copy and you can start your tutorship !

**No tutorship can be conducted without an agreement or with an incomplete agreement (missing pieces and/or signatures), otherwise you will be ADJOURNED!**



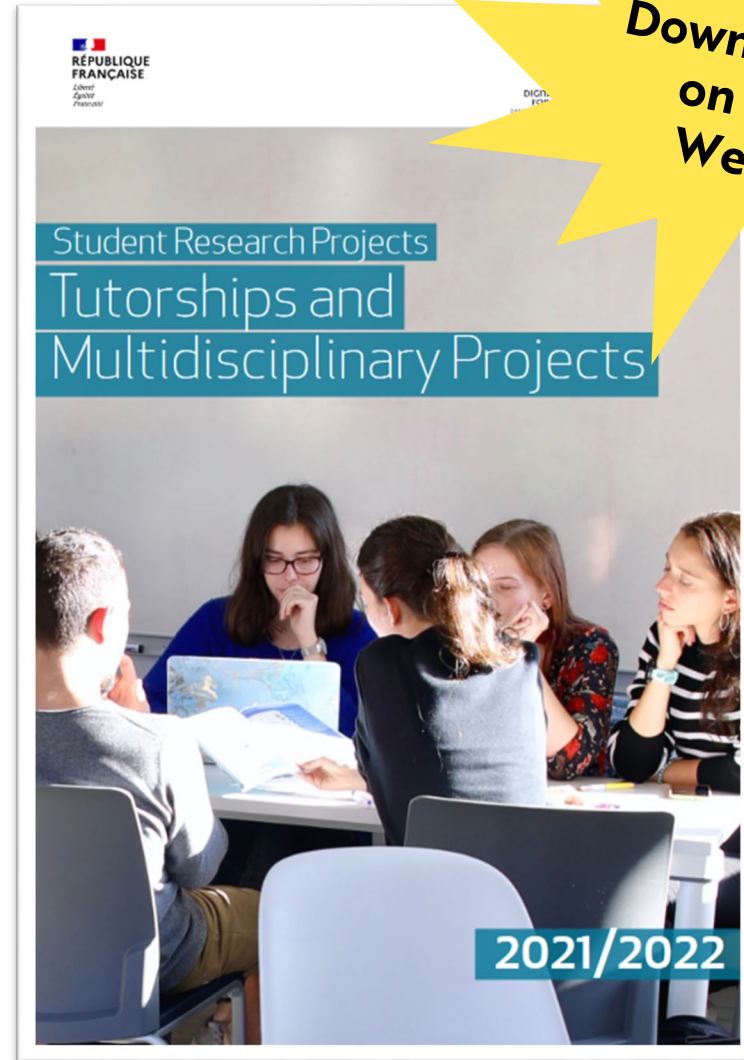




# Tutorship and Tutorship Agreements

You have at your disposal a guide on DS4H website:  
["DS4H tutorships and projects 2021-2022"](#).

Please consult it!



2021/2022

# Thanks and talk soon!



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**Deadline for application  
February 8<sup>th</sup>  
1st arrived, 1st served!!!**

**Now it's up to you!**

**<https://ds4h.univ-cotedazur.eu/erebe>**

**Any question? We can help! [ds4h-contact@univ-cotedazur.fr](mailto:ds4h-contact@univ-cotedazur.fr)**



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