D2-Meeting
25/10/2021
L. Macaire

https://edspi.univ-lille.fr/en/
Congratulations !
You do not stop your PhD !
You are obstinate !

• 2019-2020 : No Master internship in research unit

• 2020-2021 : Research units are empty due to lockdown
  • no face to face meeting with supervisors
  • no trip for conference
  • no public defence

• 2021-2022 : Be creative and thorough to design your original contribution
D2-Meeting program

• MADIS doctoral school
• Training courses
• D3 Individual Monitoring Committee (CSI)
• Defence
• Events of Doctoral College 2021-2022

• Pursuit of a career in the public sector (CNU, INRIA, CNRS, ATER and Post-Doc)
MADIS Doctoral School
### MADIS Institution (233 students)

<table>
<thead>
<tr>
<th>Institution</th>
<th># students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Université de Lille (ULille)</td>
<td>182</td>
</tr>
<tr>
<td>Centrale Lille Institut (CLille)</td>
<td>35</td>
</tr>
<tr>
<td>Institut Mines Télécom Nord Europe (IMT)</td>
<td>12</td>
</tr>
<tr>
<td>Université Gustave Eiffel (Univ Eiffel)</td>
<td>4</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>233</strong></td>
</tr>
</tbody>
</table>
## MADIS Doctorate speciality (233 students)

<table>
<thead>
<tr>
<th>Disciplinary field</th>
<th>Doctorate speciality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>Mathématiques et leurs interactions (46)</td>
</tr>
<tr>
<td>P. POPESCU-PAMPU (46)</td>
<td></td>
</tr>
<tr>
<td>Computer science</td>
<td>Informatique et applications (116)</td>
</tr>
<tr>
<td>L. JOURDAN (116)</td>
<td></td>
</tr>
<tr>
<td>Control science</td>
<td>Automatique, Productique (31)</td>
</tr>
<tr>
<td>L. BELKOURA (71)</td>
<td>Traitement du signal et des images (18)</td>
</tr>
<tr>
<td></td>
<td>Informatique, Automatique (22)</td>
</tr>
</tbody>
</table>
## MADIS Research units (242 HDRs)

<table>
<thead>
<tr>
<th>Disciplinary field</th>
<th>Research units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>P. POPESCU-PAMPRI (98)</td>
<td>(3) Painlevé (95)</td>
</tr>
<tr>
<td>Computer science</td>
<td></td>
</tr>
<tr>
<td>L. JOURDAN (84)</td>
<td>(66) INRIA (5)</td>
</tr>
<tr>
<td></td>
<td>(4) CRISTAL (39)</td>
</tr>
<tr>
<td>Control science</td>
<td></td>
</tr>
<tr>
<td>L. BELKOURA (60)</td>
<td>(10) CERI SN (6)</td>
</tr>
<tr>
<td></td>
<td>(3) GEMTEX (6)</td>
</tr>
<tr>
<td></td>
<td>(3) COSYS (5)</td>
</tr>
</tbody>
</table>

Double referencing of HDRs
Main missions of MADIS Doctoral School

- Agreement for PhD registration in co-accredited institution (Centrale, ULille, IMT, U. G.Eiffel)
  
  - Documents needed for an application to doctoral studies (transcripts, motivations,...)
  - Funding (proof of funding for the PhD duration)
  - Support letter from the proposed supervisor and agreement of the laboratory director

- Agreement for the joint supervision and awarding of a double doctoral degree (cotutelle)
Main missions of MADIS Doctoral School

• Individual Monitoring Committee (CSI) (end of D1 and D3)

• Doctoral trainings (with Doctoral College)

• International mobility grants for PhD students (with Doctoral College)

• Agreement for the PhD defence
  • Personnal email and publications in ADUM private space
  • Number of required CFDs
  • PhD committee and reviewers
  • Reports by reviewers before defence
Not supported by Doctoral School

- PhD annual registration in the institution (Centrale, ULille, IMT, UGE)
- Mobility grants for participation to doctoral trainings or conferences
- Registration fees for MOOC
- Organisation of the PhD defence
- Doctoral degree printing
MADIS admission rules

• Topic is defined by the supervisors and research unit

• Accredited supervisors (HDR) manage a limited number of doctoral students (4 supervised or 8 co-supervised students)

• Employment contract of 36 months for doctoral study is required

• Candidates are selected by MADIS through a well defined process and according to demanding academic criteria
MADIS doctoral students

• Conduct training-by-doing research, under the scientific and personalized direction of supervisors within 36 months

• Are young researchers who are integrated in research units

• Develop skills beyond their area of scientific expertise
MADIS rules

• Before D2 : agreement of the individual monitoring committee (CSI)

• Before defence : a number of doctoral training credits (on thematic-methodology and language-professional skills) must be validated

• D4 registration is exceptional and needs a new CSI
Training courses to build your Portfolio
Training courses

- The number of credits (CFD) to be collected depends on the PhD type:
  - **60 CFD** including at least 20 CFD on professional training for a **full time** PhD student
  - **30 CFD** in three training areas for a PhD student with a joint supervision between two institutions of different countries (**co-agreement or cotutelle**)
  - **40 CFD** distributed in the area of thematic training and research methodology for **CIFRE** PhD Student

- **One course about ethics** must be followed
Training courses

• All PhD students must collect a number of credits following their participation in doctoral training in the three areas:
  • Thematic training (summer schools, master classes, training courses organized by the laboratory or MADIS, technical courses)
  • Training related to language, research methodology or tools (organized by MADIS or Doctoral College)
  • Professional training (organized by Doctoral College)

• One course about **ethics** must be followed
• 2021 : 20 CFD can be obtained by **MOOC**
• 2 hours -> at least 1 CFD.
Registration to training courses (ADUM)

You must have an ADUM account number!
Registration to training courses (ADUM)

- Training module list
  - Trainings courses offered by MADIS
    - French foreign language
    - English
    - Scientific trainings
  - Transversal training courses offered by Doctoral College
    - Doctors and companies
    - Training courses in English

- Your ongoing training modules of list
  - 3 states: Enrolment asked, Enrolment accepted, Registered and given credits.
Registration to training courses (ADUM)

• Add an external training module
  • Master class, MOOC, summer or thematic school, Member of organization committee of conferences...
  • Give the title - category – university or city – topic
  • Add a PDF file with attendance certificate and detailed training program, so that MADIS can give credits (1 CFD/ 2 hours)

• Not validated as external training
  • Oral presentation at seminar, conference or workshop
  • Teaching
D3 Individual Monitoring Committee (CSI)
D3 Individual Monitoring Committee (CSI)

• For all D4 registration, an Individual Monitoring Committee (D3-CSI) is set up

• At minimum the committee includes
  
  • The supervisor and co-supervisors
  
  • A member of the Doctoral School MADIS (DED) who will be the chairman of the D3 CSI meeting
D3 Individual Monitoring Committee (CSI)

- PhD student prepares the answers to the following questions during the CSI meeting
  - What is the current state of the work?
  - List of submitted and accepted publications?
  - How many CFD?
  - Why a D4 registration?
  - What is the planning until defence?
  - What is the funding certificate until defence?
  - What is the current state of the thesis (if required by DED)?
- At the end of the meeting, a collective report will be written under the authority of DED. This report is posted in ADUM.
D3 Individual Monitoring Committee (CSI)

• D4 registration
  • The CSI report with favorable decision is required
  • On-line MADIS registration via ADUM

• Important deadlines
  • CSI : November 22, 2021
  • MADIS registration : November 26, 2021
  • Institution registration : December 15, 2021
PhD Defence
Planning (important dates)

• D – 9 weeks : Student submits the committee to MADIS via ADUM
• D – 8 weeks : MADIS checks the required CFD, publications in ADUM and gives its agreement about committee
• D – 8 weeks : Student uploads the thesis via ADUM
• D – 4 weeks : Reviewers send their review to the Institution and MADIS
• D – 3 weeks : MADIS Leader and Research President of the Institution give their agreement about PhD defence
• Defence : Committee President sends the defence report to the Institution
• D + XX : Student sends the final version of the thesis to the Institution
Committee for full-time or CIFRE PhD

2 reviewers (minimum)

- Must be accredited (HDR). A full professor or french research director is accredited. Foreign reviewer’s CV is required.
- Must be outside IMT, Ulille, Clille and UGE. Should be outside ‘Hauts de France’ region. No work and paper with supervisors and PhD student during PhD duration.

From 4 to 8 committee members

- More than 50% of members are outside IMT, Ulille, Clille and UGE. All members must be PhD.
- More than 50% of Full Professor or equivalent (Research Director in France).
- Member categories: 1 or 2 supervisors (registered at ADUM), 2 reviewers and examiners
- At least 1 member of each gender for a committee with 4, 5 or 6 members. At least 2 members of each gender for a committee with 7 or 8 members.
- All the members can participate via video-meeting (specific agreement).
Committee when co-agreement with foreign institution

- **2 reviewers (minimum)**
  - Must be accredited (HDR). A full professor or French research director is accredited. Foreign reviewer’s CV is required.
  - Must be outside IMT, Ulille, Clille, UGE and the foreign institution. Should be outside ‘Hauts de France’ region. No work and paper with supervisors and PhD student during PhD duration.
  - More than 50% of members are outside IMT, Ulille, Clille, UGE and the foreign institution. All members must be PhD.
  - More than 50% of Full Professor or equivalent (Research Director in France).
  - Member categories: 1 or 2 supervisors (registered at ADUM), 2 reviewers and examiners
  - At least 1 member of each gender for a committee with 4, 5 or 6 members. At least 2 members of each gender for a committee with 7 or 8 members.
  - All the members can participate via video-meeting (specific agreement).
To prepare your career after PhD

• Create your LinkedIn account and post your CV

• Join LinkedIn group of MADIS and ENGSYS PhD students (> 700 members)

• [https://www.linkedin.com/groups/12416555/](https://www.linkedin.com/groups/12416555/)

• Jobs in digital science by REDOC-SPI :
  • [https://www.profilsphd-numerique.com/](https://www.profilsphd-numerique.com/)
We want you!

- Recherche Doctorants D2 pour élection des représentants des doctorants au conseil

- 3 conseils de MADIS par an

- Co-organisation de la D2Day (mars avril 2022)