Ludovic.Macaire@univ-lille.fr

Dir-edmadis@univ-lille.fr
Sec-edmadis@univ-lille.fr

D1- Meeting program

- MADIS Graduate school
- Training courses
- Individual Monitoring Committee (CSI)
- Defence
- After PhD
Doctorate’s diploma or PhD (Philosophiæ Doctor): the highest diploma
Preparing your PhD is your first job, You

- Conduct training-by-doing research, under the scientific and personalized direction of supervisors within 36 months
- Are young professional researchers who are integrated in research units
- Develop soft skills beyond their area of scientific expertise
- Must:
  - write scientific papers and/or patents
  - participate to doctoral trainings
  - cultivate intellectual rigor, ethical reflexivity and respect for the principles of scientific integrity
  - write a PhD thesis (> 100 pages and bibliographic references)
  - defend your thesis in front of a committee
MADIS accredited supervisors

Research Unit

is member of

Supervisor (HDR)

is Associate Professor, Professor, Researcher, Research Director of

Institution

has chosen

belongs to

5 Specialities

GS MADIS

Doctoral college
MADIS PhD students

- prepares the doctorate (in 3 years) of
- has a student card of

Institution

is member of

Research Unit

is directed by

1 Supervisor or 2 co-supervisors

is managed by

is employed by

Institution, company, association

has chosen

5 Specialities

GS MADIS

Doctoral college
# 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>
<tr>
<td>Institution</td>
<td>Contact</td>
</tr>
<tr>
<td>-------------------------------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>Université de Lille (ULille)</td>
<td>dé<a href="mailto:partements-doctorales@univ-lille.fr">partements-doctorales@univ-lille.fr</a></td>
</tr>
<tr>
<td>Centrale Lille Institut (CLille)</td>
<td>V. Fleury</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:scolarite.phd@centralelille.fr">scolarite.phd@centralelille.fr</a></td>
</tr>
<tr>
<td>Institut Mines Télécom Nord Europe (IMT)</td>
<td><a href="mailto:christine.charlet@imt-nord-europe.fr">christine.charlet@imt-nord-europe.fr</a></td>
</tr>
<tr>
<td>Université Gustave Eiffel (Univ Eiffel)</td>
<td><a href="mailto:sebastien.gaglianone@univ-eiffel.fr">sebastien.gaglianone@univ-eiffel.fr</a></td>
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</table>
## MADIS Disciplinary field leader (DED)

<table>
<thead>
<tr>
<th>Disciplinary field</th>
<th>Mathematics (MPMA)</th>
<th>Computer science</th>
<th>Control science (AGITSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Patrick POPESCU-PAMPU</td>
<td>Laetitia JOURDAN</td>
<td>Lotfi BELKOURA</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:patrick.popescu-pampu@univ-lille.fr">patrick.popescu-pampu@univ-lille.fr</a></td>
<td><a href="mailto:laetitia.jourdan@univ-lille.fr">laetitia.jourdan@univ-lille.fr</a></td>
<td><a href="mailto:lotfi.belkoura@univ-lille.fr">lotfi.belkoura@univ-lille.fr</a></td>
</tr>
</tbody>
</table>
# MADIS Doctorate speciality (233 students 2020-2021)

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

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

Double referencing of HDRs
MADIS Contact

- Aurore SMETS: administrative leader
- Malika DEBUYSSCHERE: Administrative management
- Sec-edmadis@univ-lille.fr

Messages about PhD from

- Sec-edmadis@univ-lille.fr
- noreply@adum.fr
- Your private space of ADUM
Main missions of MADIS Graduate 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 (co-agreement)
Main missions of MADIS Doctoral School

- Individual Monitoring Committee (CSI) (end of D1, D2 and D3)

- Doctoral trainings (with Doctoral College)

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

- Agreement for the PhD defence
  - Number of required doctoral training credits
  - PhD committee and reviewers
  - Reports by reviewers before defence
Not supported by Graduate 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 D1-planning-1

- Create a temporary ADUM ID for academic submission.
- Submit MADIS registration with original signed documents: ‘demande d'authorisation d'inscription’, 'la charte du doctorat' and 'la convention individuelle de formation’.
- Obtain MADIS agreement.
• Register at your institution and obtain your student card.
• Obtain your final ADUM ID from your institution.

Your account number is 126888
N° INE : 0904016447F

 › Enrollment 2021-2022
Institution: dossier received complet le August 25th 2021
Doctoral School: dossier received complet le July 27th 2021
MADIS D1-planning

- Register at training courses available at ADUM
- Add external training modules
- Build your Portfolio (validated courses, teaching, publications by HAL, events ...)

- Prepare your career: upload CV and scientific productions to be displayed via ADUM
- [https://www.adum.fr/as/ed/annulabo_these.pl?site=madis](https://www.adum.fr/as/ed/annulabo_these.pl?site=madis)
- Prepare CSI-D1
MADIS D2-planning

- Obtain agreement of CSI-D1
- On line register at MADIS.
- Obtain your student card from your institution. Online registration via ent.univ-lille.fr for University of Lille.

- Register at training courses available at ADUM.
- Add external training modules.
- Build your Portfolio (validated courses, teaching, PhD title...).
- Prepare your career: upload CV and scientific productions to be displayed via ADUM: https://www.adum.fr/as/ed/annulabothese.pl?site=madis
- Prepare CSI-D2
MADIS rules

- Before D2 and D3: agreement of the individual monitoring committee (CSI)

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

- D4 registration is exceptional and needs a new CSI
5 PhD students in MADIS council

- Maxime JONVAL
- Lilian MARCHAND
- Cédric MARINEL
- 2 open positions for 2023
- Participation at 2 councils (January and June)
- Survey among doctoral students to improve doctoral studies
- MADIS DDay organisation (June)
• All MADIS PhD student can be integrated in IKS
• Access the master’s classes taught as part of the graduate programme
• Events organised as part of the graduate programme, like the summer and autumn schools
• After-work seminars or end-of-year conference
• Outward mobility grant for a mobility project
• Diploma indicating the 3 core acquired skills: interdisciplinary skills, international experience and the capacity to work in public sector research or R&D in the private sector
Training courses to build your Portfolio
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) to improve soft skills
• One course about **ethics** must be followed
• One course about **teaching** must be followed when ‘avenant d’enseignement au contrat doctoral’
• 2022 : 20 CFD can be obtained by **MOOC**
• 2 hours -> at least 1 CFD.
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
- One course about **teaching** must be followed by PhD students who teach
Registration to training courses (ADUM)
You must have an ADUM account number!

- Training modules Catalogue
- Statement of the undergone training modules
- Training module
- External training modules

Documents must be printed in portrait format. All documents and information required to follow the educational and administrative procedures for enrollment/re-enrollment must be downloaded below. The documents that require signatures must be signed and, when complete, they must be given to your Doctoral School, along with the additional documents required, for processing your dossier.
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 and 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
  - Paper presentation at conference, workshop
  - Teaching
COMPEDOC - Un accompagnement personnalisé pour vous

- Être acteur en temps réel de votre parcours de doctorat et s'approprier celui-ci
- Prendre conscience des compétences acquises
- Valoriser les compétences mobilisées pendant le doctorat
- Identifier clairement votre projet professionnel
- Identifier les formations et actions nécessaires pour atteindre vos objectifs
- Valoriser vos compétences auprès du monde socio-économique notamment lors du Forum l’emploi PhD Job Day
- 8 places disponibles pour l'ED MADIS - 15 credits de formation doctorale
- Début le 2 décembre 2022
Individual Monitoring Committee (CSI)
Individual Monitoring Committee (CSI)

- For D2 and D3 registrations, an Individual Monitoring Committee (D1-CXI) is set up.

- At minimum the committee includes:
  - A HDR member who is conducting research activities in the domain of the thesis but who is Outside Lille (chosen by the supervisor).
  - A member of the Graduate School MADIS (DED) who will be the chairman.

- At the end of the meeting, a collective report will be written under the authority of DED. This report is posted in ADUM.
CSI paper

• The PhD student provides a paper on its work, two weeks before the meeting to all members of the CSI.
• This paper will include a minimum of 7 pages:
  • Brief description of the thesis subject and its goals (min 1/2 page)
  • Main references - state of the art (min 1 page)
  • Progress work in accordance with goals and key results (min 3 pages). A statement of policy regarding results dissemination in terms of publications and software production
  • Roadmap for the next two years with the expected contributions and a schedule, (min 2 pages)
  • Doctoral training modules achieved
  • Professional project
CSI meeting

- CSI meeting includes:
  - Presentation in 20 mn + questions
  - Meeting between members of CSI and the supervisor (and co-supervisors)
  - Discussion between members of CSI (without the PhD supervision) and the PhD student
  - At the end of the meeting, a collective report will be written under the authority of the CSI chairman
  - This report is posted in ADUM
CSI template report

Membres du Comité de Suivi Individuel extérieurs à l’encadrement (nom, prénom, email) :
•
•
•

Nombre sur ADUM de Crédits de Formations Doctorales (CFD) :

<table>
<thead>
<tr>
<th>Très satisfaisant</th>
<th>Satisfaisant</th>
<th>Moyen</th>
<th>Pas satisfaisant</th>
</tr>
</thead>
<tbody>
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<td>Maitrise sujet de thèse</td>
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<td></td>
<td></td>
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<tr>
<td>État d’avancement des travaux</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Politique de valorisation des résultats</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Identification des pistes de recherche</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suivi de la formation doctorale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction du projet professionnel</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Difficultés éventuelles rencontrées et solutions préconisées :

Avis du CSI :
CSI important dates

• Planning 2023

  • CSI constitution before June 15th, 2023
  • CSI paper has to be sent 15 days before the meeting
  • CSI meeting before September 15th, 2023
PhD Defence
Planning (important dates)

- **D – 9 weeks**: Student submits the committee and uploads thesis via ADUM
- **D – 8 weeks**: MADIS checks the required CFD, publications in ADUM and gives its agreement about committee
- **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 MADIS, IMT, ULille, Clille and UGE. Must be outside doctoral project. No work and paper with supervisors and PhD student during PhD duration.

- **From 4 to 8 committee members**
  - At least 50% of members are outside MADIS, IMT, ULille, Clille and UGE. At least 50% of members are outside doctoral project. All members must be PhD.
  - At least 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 MADIS IMT, Ulille, Ciille, UGE and the foreign institution. Must be outside doctoral project. No work and paper with supervisors and PhD student during PhD duration.

From 4 to 8 committee members

- At least 50% of members are outside MADIS, IMT, Ulille, Ciille, UGE and the foreign institution. All members must be PhD.
- At least 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).
Doctoral Oath (after Defence)

En présence de mes pairs, parvenu à l'issue de mon doctorat en spécialité', et ayant ainsi pratiqué, dans ma quête du savoir, l'exercice d'une recherche scientifique exigeante, en cultivant la rigueur intellectuelle, la réflexivité éthique et dans le respect des principes de l'intégrité scientifique, je m'engage, pour ce qui dépendra de moi, dans la suite de ma carrière professionnelle quel qu'en soit le secteur ou le domaine d'activité, à maintenir une conduite intégrée dans mon rapport au savoir, mes méthodes et mes résultats.

In the presence of my peers, having completed my doctorate in 'Specialty', and having thus practiced, in my quest for knowledge, the exercise of a demanding scientific research, by cultivating intellectual rigor, ethical reflexivity and respect for the principles of scientific integrity, I commit myself, for what will depend on me, in the continuation of my professional career, whatever the sector or the field of activity, to maintain an honest conduct in my relationship to knowledge, my methods and my results.
After PhD
• Control science:
  – Jean-Yves Dieulot,
• Computer science:
  – Chabane Djeraba,
  – Sylvain Salvatti
• Mathematics:
  – Nicolas Wicker
Collective work of ENGSYS-MADIS team

After PhD

Laetitia JOURDAN – Lotfi BELKOURA - Patrick POPESCU-PAMPU –
Henri Happy (ED ENGSYS-632)
Ludovic MACAIRE (ED MADIS-631)
Les référents parcours professionnel
General information about your future career

Where are there jobs?

How to apply as Researcher with CNRS

How to apply as Assistant Professor at a University

Conclusion
Opportunity for PhD studies

Today

Tomorrow

The day after

Get started

Prepare

Inquiry
2020 Survey about jobs of SPI 2017-PhD

- 94% have a job
- Mean net salary per month: 2500 €
- 26% are tenured teachers or researchers in the world
- 31% in Hauts de France
- 51% in a company
- 73% of jobs with research activity
- 54% of jobs with publications
- 70% of jobs with English

- PDF available at MADIS website
General information about your future career

Where are there jobs?

How to apply as Researcher with CNRS

How to apply as Assistant Professor at a University

Conclusion
Where are there jobs for PhDs?

Research in industrial sector

Annonces d’embauche de docteurs dans le ‘numérique’ (site de REDOC-SPI : https://www.docteurs-spi.org)

- https://www.profilesphd-numerique.com/
- Association Bernard Gregory : https://www.abg.asso.fr/fr/candidatOffres
- https://www.gdr-isis.fr/index.php/proposition-de-postes/
Where are there jobs for PhDs?

Public sector and research acronym

- **Type EPST** (Établissement public à caractère scientifique et technologique): CNRS · INED · INRAE · INRIA · INSERM · IRD
- **Type EPA** (Établissement public à caractère administratif en France): IGN · IHEST · Météo-France
- **Type EPIC** (Établissement public à caractère industriel et commercial en France): ADEME · BRGM · CEA · CIRAD · CNES · CSTB · Ifremer · LNE · ONERA
- **Type EPSCP** (Établissement public à caractère scientifique, culturel et professionnel): Universités · Ecoles ingénieur
Typical jobs in public sector

**Non permanent position**

- **A.T.E.R.**
  In relation with University – Research and teaching - you can apply to the call during your 3rd year thesis

- **Post-Doc**
  In relation with Research Lab- You can apply only after thesis defense – Reply to job offers

**Permanent position**

- **MDC**
  Assistant professor of University – Research and teaching
  Gross Salary: from 2221 € to 4999 €

- **CR**
  Chargé de Recherche – Researcher with EPST/EPA/EPIC
  Gross Salary: from 2300 € to 4740 €

- **IR**
  Ingénieur de Recherche – R&D with EPST/EPA/EPIC
  Gross Salary: from 2038 € to 4999 €
General information about your future career
Where are there jobs?
How to apply as Researcher with CNRS
How to apply as Assistant Professor at a University
Conclusion
Researchers at CNRS – Situation in France

Open position during the last 5 years

To be compared with more than 12,000 thesis/year + open to international recruitment
Researchers at CNRS – How to apply

How to apply to open positions?

- PhD and post-docs
- Publication requirements:
  A high number, with high impact factor
- Propose a Research project in relation with a Lab of CNRS

  Interview with a committee
General information about your future career

Where are there jobs?

How to apply as Researcher with CNRS

How to apply as Assistant Professor at a University

Conclusion
## Focus on recruitment during the past years

– CNU Group 05 (Sections 25, 26) –

### Maîtres de conférences

<table>
<thead>
<tr>
<th>Année</th>
<th>Publiés (A)</th>
<th>Candidats (B)</th>
<th>% femmes</th>
<th>Ratio (B/A)</th>
<th>Pourvus</th>
<th>% femmes</th>
<th>% non pourvus</th>
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</thead>
<tbody>
<tr>
<td><strong>Section 25</strong></td>
<td></td>
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<tr>
<td>2016</td>
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<td>21</td>
<td>23,8%</td>
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<tr>
<td>2020</td>
<td>27</td>
<td>455</td>
<td>22,2%</td>
<td>16,9</td>
<td>27</td>
<td>22,2%</td>
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<tr>
<td><strong>Section 26</strong></td>
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<td>30</td>
<td>36,7%</td>
<td>3,2%</td>
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<tr>
<td>2018</td>
<td>30</td>
<td>457</td>
<td>27,8%</td>
<td>15,2</td>
<td>29</td>
<td>41,4%</td>
<td>3,3%</td>
</tr>
<tr>
<td>2019</td>
<td>41</td>
<td>365</td>
<td>28,8%</td>
<td>8,9</td>
<td>39</td>
<td>35,9%</td>
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</tr>
<tr>
<td>2020</td>
<td>42</td>
<td>422</td>
<td>26,8%</td>
<td>10,0</td>
<td>42</td>
<td>38,1%</td>
<td>0,0%</td>
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</tbody>
</table>

### Section 25 Mathématiques

### Section 26 Mathématiques appliquées et applications des mathématiques
How to apply as Assistant Professor -

Focus on recruitment during the past years
– CNU Group 05 (Section 27) –

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Section 27 Computer Science
How to apply as Assistant Professor -

Focus on recruitment during the past years
– CNU Group 09 (Section **61**) –

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Section 61 Génie informatique, automatique et traitement du signal
How to apply as Assistant Professor

Qualification 202n-202n+4

Open positions in French Universities (see https://galaxie.enseignementsup-recherche.gouv.fr/antares/can/astree/index.jsp)

Give seminars in Labs you are interested in

Contact the laboratory + research team
Contact the teaching component for each position

Interview with the selection committee (Presentation + Questions)

Selection Committee

Write a specific application dedicated to the lab/team/teaching component

Assistant Professor at University

Practical information about recruiting process

A long process …
How to apply as Assistant Professor

Qualification MCF CNU27

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<thead>
<tr>
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<th>Candidats (A)</th>
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Ensemble des sections

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Mathématiques et informatique

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Section 27

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Qualification MCF CNU25

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Ensemble des sections

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Groupe 05

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Mathématiques et informatique

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Section 25

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# How to apply as Assistant Professor

## Qualification MCF CNU61

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### Sciences

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<td>386</td>
<td>25,6%</td>
<td>261</td>
<td>27,6%</td>
<td>67,6%</td>
</tr>
<tr>
<td>2020</td>
<td>369</td>
<td>33,1%</td>
<td>219</td>
<td>34,2%</td>
<td>59,3%</td>
</tr>
</tbody>
</table>

### Section 61

<table>
<thead>
<tr>
<th>Année</th>
<th>Candidats (A)</th>
<th>% femmes</th>
<th>Qualifiés (B)</th>
<th>% femmes</th>
<th>Ratio (B/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>372</td>
<td>31,5%</td>
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<td>61,8%</td>
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<tr>
<td>2017</td>
<td>372</td>
<td>28,8%</td>
<td>228</td>
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<tr>
<td>2018</td>
<td>367</td>
<td>26,4%</td>
<td>242</td>
<td>27,7%</td>
<td>65,9%</td>
</tr>
<tr>
<td>2019</td>
<td>386</td>
<td>25,6%</td>
<td>261</td>
<td>27,6%</td>
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<td>59,3%</td>
</tr>
</tbody>
</table>
How to apply as Assistant Professor

Practical information about qualification

Example of section 27

- PhD with very good reviews
- Publications requirements (minimum):
  1 international publication in journal with review (RILC) and good ranking
  or
  1 international ranked conference with proceedings
- Teaching experience in higher education
  Minimum 64H with students about computer science

Validity of the qualification: 4 years
How to apply as Assistant Professor

Practical information about qualification

Example of section 61

- PhD (36-39 months) with very good reviews
- **Publication** (minimum):
  1 paper as first author in a good international journal of the domain and referenced by Journal Citation Report (JCR)
- **Teaching experience in higher education**
  Minimum 96H with students

Validity of the qualification: 4 years
General information about your future career

Where are there jobs?

How to apply as Researcher at CNRS

How to apply as Assistant Professor at University

Conclusion
Maximize chances by having contacts previously to the hiring phase.

Have a look at **all** the positions, not only Assistant professor in Universities (EPST, EPIC, EPA...).

Do not neglect doctoral training to open up more job opportunities.

Develop your professional skills to find the job of your dream.
Find your job after PhD

Success

- Strategies **before, during and after PhD**
- Develop Project A and Project B
- **Professional Network**
- Show what you know to do
- Results showing
  - Publications,
  - Exhibit,
  - Conferences,
  - Website
- Open Science

Failure

- **Good marks**
- No strategy
- Not understand rules of the game
- Strong personal constraints (mobility)
- No website,
- No LinkedIn account
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/
- Update you ADUM space with publications and skills
  https://www.adum.fr/as/ed/annulabo_these.pl?site=madis
- Job list
Enjoy your PhD at MADIS!