



Doctoral School Sciences for Engineers (Ecole Doctorale Sciences Pour l'Ingénieur SPI-072)

D2Day

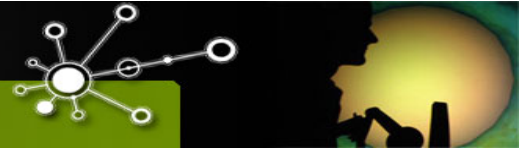
<http://edspi.univ-lille1.fr>

Oct. 2020



Thanks to organisation team

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D2 Day program

- 10:00 a.m. to 10:20 a.m.: Presentation of the day and of the Doctoral Candidates in Science in Lille ADSL.
- 10:20 a.m. to 11:00 a.m.: Reminder of the organization and the thesis defence rules.
- 11:00 a.m. to 11:20 a.m.: Break
- 11:20 a.m. to 12:30 p.m.: Pursuit of a career in the public sector (CNU, INRIA, CNRS, ATER and Post-Doc)



Scheme

- SPI Doctoral School
- Training Courses
- Individual Monitoring Committee (CSI)
- PhD Defence
- After PhD
- Questions



SPI Doctoral School



15 Doctorate specialities for 6 SPI

Disciplinary fields

Disciplinary field - DED	Doctorate speciality
Computer - L. JOURDAN	Informatique et applications
Mathematics – P. POPESCU-PAMPU	Mathématiques et leurs interactions
Electrical – N. IDIR	Génie Electrique
Electronics – H. HAPPY	Electronique, photonique
Electronics – H. HAPPY	Electronique, microélectronique, nanoélectronique et micro-ondes
Electronics – H. HAPPY	Micro-nanosystèmes et capteurs
Electronics – H. HAPPY	Acoustique
Mechanical – D. CHICOT	Génie civil
Mechanical – D. CHICOT	Energétique, thermique, combustion
Mechanical – D. CHICOT	Mécanique des milieux fluides
Mecahnical – D. CHICOT	Mécanique des solides, des matériaux, des structures et des surfaces
Mechanical – D. CHICOT	Mécanique, énergétique, génie des procédés, génie civil
Control – L. BELKOURA	Automatique, productique
Control – L. BELKOURA	Traitement du signal et des images
Control – L. BELKOURA	Informatique, Automatique



Main missions of SPI Doctoral School

- Agreement for PhD registration in co-accredited institution (Centrale, ULille, IMT, UPHF, UGE)
 - 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
- Individual Monitoring Committee (CSI) (at D1 for D2 and at D3 for D4)
- Doctoral trainings (with Doctoral College)
- International mobility grants for PhD students (with Doctoral College)
- Agreement for the PhD defence
 - Number of required CFDs
 - PhD committee and reviewers
 - Reports by reviewers before defence



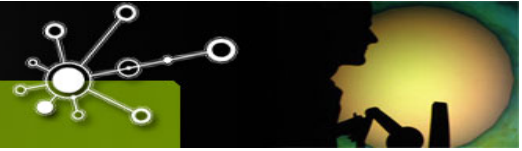
Not supported by SPI Doctoral School

- PhD annual registration in the institution (Centrale, ULille, IMT, UPHF, UGE).
- Mobility grants for participation to doctoral trainings or conferences.
- Organisation of the PhD defence.
- Doctoral degree printing.



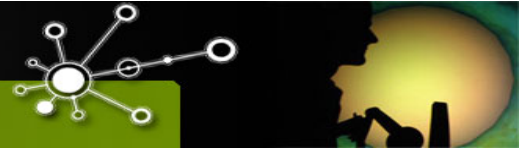
SPI politics

- **SPI admission rules**
 - Topic is defined by the supervisors and research unit.
 - HDR supervisors 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 SPI through a well defined process and according to demanding academic criteria.



SPI politics

- SPI doctoral students in computer, control, electrical, electronics, mechanical and mathematical sciences
 - 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.



SPI politics

- **SPI rules**
 - Before D2 (or D3 for 2020) : agreement of the individual monitoring committee (CSI).
 - Before defence : a number of training credits (120 h on thematic-methodology and language-professional skills) must be validated.
 - D4 registration is exceptional and needs a new CSI.



Training courses



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**).
 - ☞ • **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 SPI, technical courses);
 - Training related to **language, research methodology** or research tools (organized by SPI or Doctoral College);
 - **Professional training** (organized by Doctoral College).
 - **One course about ethics** must be followed
- **2020 : 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!

The screenshot displays the ADUM user interface. At the top, there is a navigation bar with 'Private space', 'My profile', 'My career', and 'Questions'. A search bar on the right contains the text 'Rechercher...'. Below the navigation bar, there is a section for 'ACTUALITÉS' (News) with three items: 'PHD WELCOME', 'STARTDOC 2019', and 'Formation pour les doctorants BSL'. A legend below the news section indicates 'Validated' (green checkmark), 'Ongoing' (yellow exclamation mark), and 'To be done' (red circle with exclamation mark). The main content area is divided into three sections: 'My profile', 'Trainings', and 'Procedures'. The 'My profile' section lists several items, including enrollment status for 2019-2020, online display options, password change, and CV upload. The 'Trainings' section, highlighted with a red border, lists 'Training modules Catalogue', 'Statement of the undergone training modules', 'Training module', and 'External training modules'. The 'Administrative documents' section, also highlighted with a red border, contains a warning that documents must be printed in portrait format and provides instructions on how to use the documents for enrollment/re-enrollment.

Validated ! Ongoing ! To be done

My profile

- Enrollment 2019-2020, Institution: dossier received complet
- Enrollment 2019-2020, Doctoral School: dossier received complet
- Online Display
- I want to change my password
- Upload my CV
- MY PHOTO - Upload my photo
- See the Individual training contract written in 2018
- See the Individual training contract written in 2019

Trainings

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

Administrative documents

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 SPI
 - 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: Enrollment asked, Enrollment 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 SPI can give credits to you (1 CFD/ 2 hours).



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 SPI (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 CFDs?
 - Why a D4 registration?
 - Planning until defence
 - Funding certificate until defence
 - 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 SPI registration via ADUM

■ Important dates

- CSI deadline : November 30th, 2020.
- SPI registration deadline : December 7th, 2020
- Institution registration deadline : December 15th, 2020



PhD Defence



Planning (important dates)

- **D – 9 weeks :** Supervisors send the PhD reviewers and committee to the Doctoral School SPI.
- **D – 8 weeks :** Doctoral school SPI checks the required CFD and gives its agreement about PhD reviewers and committee.
- **D – 8 weeks :** Student sends the thesis to the reviewers (and to committee members).
- **D – 4 weeks :** Reviewers send their review to the Institution and the Doctoral School SPI.
- **D – 3 weeks :** Doctoral school Director and Research President of the Institution give their agreement about the 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 'Hauts de France' region. No work and paper with supervisors and PhD student during PhD duration.

From 4 to 8
committee
members

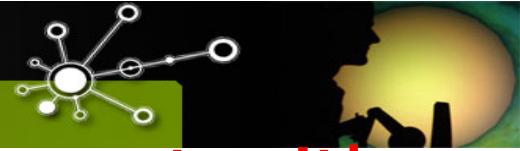
More than 50% of members are outside 'Hauts de France' region.
All members must be PhD.

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.

Committee President must be in the same room as the PhD student during the defence. All the other members can participate via video-meeting.



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 'Hauts de France' region **and the foreign institution**. 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 'Hauts de France' region **and the foreign institution**.
All members must be PhD.

More than 50% of Full Professor or equivalent (Research Director in France).

member categories: 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.

Committee President must be in the same room as the PhD student during the defence. All the other members can participate via video-meeting.



To prepare your career after PhD

- Create a LinkedIn account

Join LinkedIn group of SPI PhD students (535 members today)

<https://www.linkedin.com/groups/12416555/>