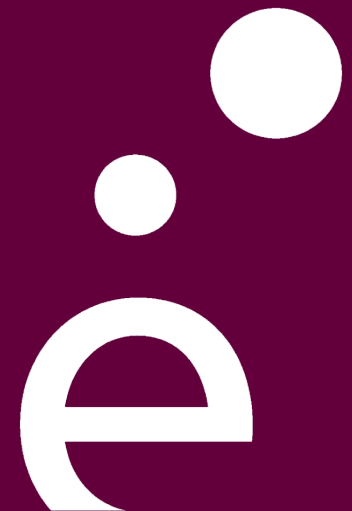


# Ecole Doctorale STIC : Formation

## STIC Doctoral School Doctoral training

Hanna KLAUDEL



# Doctoral training legislation



Article 612-7 of the Education Code and Directive of Feb 22 2019

Main objectives:

- strengthen the scientific culture of doctoral students,
- prepare their professional development in both public and private sectors,
- promote their international openness

Mandatory lectures on:

- research ethics and scientific integrity
- open science
- sustainable development

# Requirements of STIC DS in terms of training



System of points of training:

1pt = 5 hours of lecture, or

1pt = 25 hours of personal work

TOTAL obligations = **180 pts in 3 years**, divided into:

- **150-160 pts for the Research work on your PhD**
  - Including studies related to the subject as well as participations to conferences, seminars etc.
- **20-30 pts of Complementary training**

# General rules and exceptions for Complementary Training in STIC DS



**22 points** of training  
with at least **15 points of Lectures** and the rest in **Other activities**,  
covering **6 groups of skills**:

- 1: Design and development of a R&D approach;
- 2: Implementation of a R&D approach;
- 3: Promotion and transfer of the results of a R&D approach;
- 4: Scientific and technological watch on an international scale;
- 5: Training and dissemination of scientific and technical culture;
- 6: Supervision of teams dedicated the R&D activities.

**Adjusting** is possible but not systematic:

1. If PhD prepared in a company (typically under a CIFRE contract), a **partial dispensation is possible** : **contact the Director of your Cluster (A, B or C)**
2. Co-tutelle: proportional to the duration of the stay in France.

# Mandatory activities



	Activity	Minimum number of points to get	Equivalence/Commentaire
1	Course of ethics and scientific integrity	2	for a course of at least 10h
2	Course of « open science »	1	for a course of at least 5h
3	Course of sustainable development	1	for a course of at least 5h
4	Scientific course	10	1pt = 5h of course, (Master courses, Summer schools, Collège de France seminars or similar, MOOCs with certification, etc.)
5	« After thesis » meeting of DS	1	
6	« Welcome » meeting of DS	1	

**Total = 16 points**

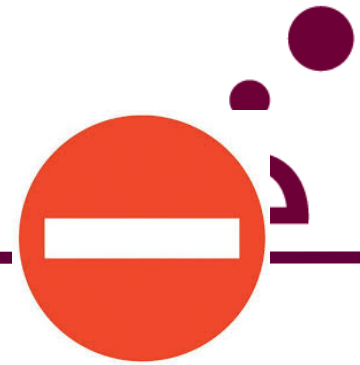
# Optional activities



	Activity	Restrictions	Equivalence	Comments
1	Course of languages	Maximum 5 points	1 point = 5h of course	
2	Scientific courses		1 point = 5h of course	
3	Other courses		1 point = 5h of course	Writing of CV, learning of specific computer tools, management of emotions, motivation, memory, mental representations, etc.
4	Involvement in university associations	Maximum 3 points		If at least member of the board
5	Commitment to boards, committees, juries (except teaching)	Maximum 3 points		
6	Teaching	Maximum 5 points	1 point for at least 19h of given lecture	
7	« After thesis » meetings	Maximum 1 point	1 point = 5h	In addition to the « after thesis » day of the STIC DS
8	International mobility	Maximum 3 points	3 points for a stay of at least 4 consecutive weeks	The country has to be different from that of co-tutelle (if any)
9	Supervision or co-supervision of interns	Maximum 1 point		

**You need 6 points from above**

# Unrecognised activities



1. Bachelor (Licence, L3) level courses,
2. Seminars or working groups of your group or lab
3. Conferences and workshops attendance, even as a speaker
4. Online courses (Coursera etc.) or MOOCs without certification
5. Organising of seminars, working groups, doctoral days, laboratory days or other events of the kind
6. Managing the team website or conference website, resource or publications management
7. Reviewing scientific papers



Partial funding provided for

1. **Summer schools and International mobility**
  - through a **Call For Applications (AAP)**
2. **French for foreigners** (one semester, AAP)

## No funding for education from STIC DS

- check carefully if your chosen course is **free-of-charge** or make sure that your group or lab covers the fees



# Provisional training plan and Portfolio



- **Provisional Training Plan** for the first registration
- **Updated Training Details** for each new registration
  
- OBJECTIVE : Build over 3 years a **Portfolio** to recognise lectures and training pursued during the PhD

	Equivalence point/hour	hours (*)	points (*)	Year of PhD	Objectives of the training (**)								Groups of skills (***)								
					a	b	c	d	e	f	g	h	1	2	3	4	5	6			
Complementary training																					
COURSE (except language) or SUMMER SCHOOL 1: ...title	1pt = 5h																				
COURSE (except language) or SUMMER SCHOOL 2: ...title	1pt = 5h																				
COURSE (except language) or SUMMER SCHOOL 3: ...title	1pt = 5h																				
COURSE OF LANGUAGE (5 pts max over 3 years) :... detail	1pt = 5h																				
COURSE of Sustainable development ( <b>compulsory</b> , min 5h)	1pt										x										
COURS of Ethics and Open science ( <b>compulsory</b> , min 12h)	3pts					x		x													
MOBILITY (min 3 consecutive weeks, 3pts max over 3 years)	3pts																				
TEACHING (2pts max over 3 years for at least 64h eqTD)	2pts																				
universitary ASSOCIATIVE INVOLVEMENT, member of the board (3pts max over 3 years)	1 pt per year																				
INVOLVMENT in boards, committees, juries (excluding teaching) (3pts max over 3 years)	1 pt per year																				
SUPERVISION or co-supervision of trainees (max 1pt over 3 years)	1pt												x								x
Welcome day ( <b>compulsory</b> )	1pt					x														x	
Day of preparation for the professional future ( <b>compulsory</b> , 2pts max over 3 years)	1pt=5h											x				x					

Date (dd/mm/yyyy):

points COURSE	0,00	should be at least 15
TOTAL	0,00	should be at least 22

PhD student/Doctorant

LAST NAME, First Name, Signature:

Year of first registration:

PhD Supervisor/Directeur de Thèse

LAST NAME, First Name, Signature:

DS POLE Director/Directeur de Pôle

LAST NAME, First Name, Signature:

\* Indicate the number of hours to get the number of points, or indicate the number of points directly

\*\* Check the corresponding objectives. Choose at least one from the list below:

- a. useful for carrying out personal research work
- b. research ethics and scientific integrity
- c. useful for writing the thesis or for the written or oral presentation
- d. open science training
- e. reinforcing the scientific culture of doctoral students
- f. leading to sustainable and sustainable development
- g. promoting international openness
- h. preparation for professional development in both the public and private sectors

\*\*\* Check the numbers of the skill blocks concerned. Choose at least one from the list below:

- 1: DESIGN AND DEVELOPMENT OF A RESEARCH AND DEVELOPMENT, STUDY AND PROSPECTIVE APPROACH
- 2: IMPLEMENTATION OF A RESEARCH AND DEVELOPMENT, STUDIES AND PROSPECTIVE APPROACH
- 3: VALUATION AND TRANSFER OF THE RESULTS OF A R & D, STUDIES AND PROSPECTIVE PROCESS
- 4: INTERNATIONAL SCIENTIFIC AND TECHNOLOGICAL MONITORING
- 5: TRAINING AND DISSEMINATION OF SCIENTIFIC AND TECHNICAL CULTURE
- 6: SUPERVISION OF TEAMS DEDICATED TO RESEARCH AND DEVELOPMENT, STUDY AND PROSPECTIVE ACTIVITIES



- concerning the choice of your training:
  - Your Supervisor
- concerning particular cases, exemptions etc.:
  - Director of your Cluster (Pôle)
- concerning general questions about training:
  - Training Assistant [formation-edstic@lri.fr](mailto:formation-edstic@lri.fr), who often knows the answer, otherwise she sends your question to the Director of your cluster or to me

see [ED STIC web page](#)

-> Déroulement du doctorat -> Formation-> Contact

# Where to find trainings



- Catalogue of ADUM
- Catalogue of Graduate Schools
- Master courses
- Summer schools
- MOOCs with certification
- Scientific tutorials

# Catalogue ADUM



The screenshot shows a user interface for 'Espace personnel'. At the top, there are navigation tabs: 'Espace personnel' (highlighted in pink), 'Mon profil', and 'Questions'. Below these are sub-tabs: 'Qui êtes-vous?', 'Vos diplômes', 'Votre thèse', 'Personnalisation', and 'Confirmation'. A search bar on the right contains the text 'Rechercher...'. The main content area is divided into two sections: 'Mon profil' and 'Formations'. The 'Formations' section contains a list of links: 'Catalogue', 'Participation aux formations', 'Formations en cours', and 'Ajouter une formation "hors catalogue"'. A large green arrow with the text 'Access to the Catalogue' points from the 'Mon profil' section towards the 'Catalogue' link, which is circled in orange.

# Training catalog ADUM



> Catalogue

Formations en cours

Ajouter une formation  
'hors catalogue'

Ma situation

## Formations proposées pour votre Ecole Doctorale STIC n°580

### Entrepreneuriat

	Ville	Responsable	Proposé par	Date de début	Etat
- <a href="#">Entrepreneuriat : programme de découverte d'une start-up</a>	Orsay	Nicolas Lecompte	STIC	11 octobre 2021	Ouvert

### Formations scientifiques disciplinaires proposées par une école doctorale

	Ville	Responsable	Proposé par	Date de début	Etat
- <a href="#">An introduction to theory of time scales</a>	Gif-sur-Yvette	Jaqueline Mesquita	STIC	04 octobre 2021	Ouvert

### Langues étrangères et interculturalités

	Ville	Responsable	Proposé par	Date de début	Etat
- <a href="#">French for foreigners (semester 1 - 2022)</a>	Orsay	Hanna Klauedel	STIC	04 octobre 2021	Ouvert

### Les formations des ED

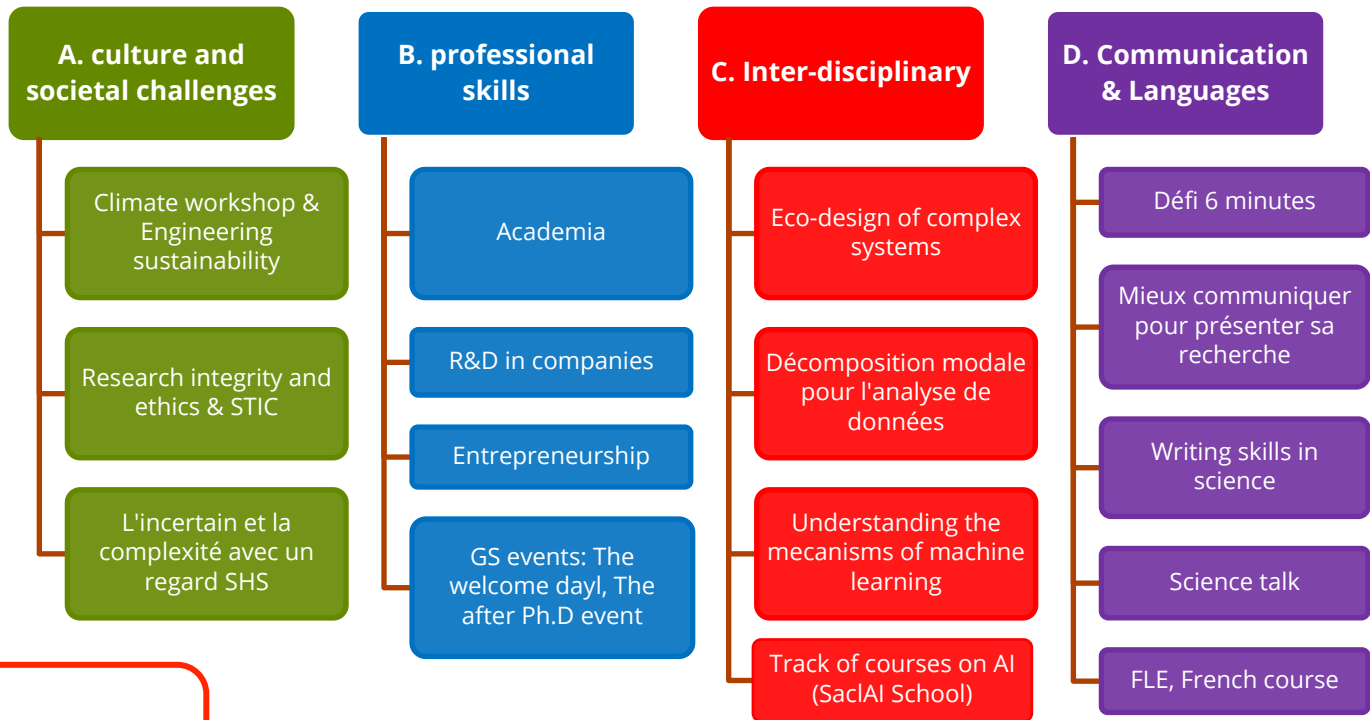
	Ville	Responsable	Proposé par	Date de début	Etat
- <a href="#">Les étoiles de la recherche en informatique / Portraits (en RGB) de scientifiques en informatique</a>	Gif-sur-Yvette	Mihaela Sighireanu	STIC	20 novembre 2021	Ouvert

# Training catalog GS-SIS

4  
themes

20 elective  
courses

+270  
hours



**A welcome day in February dedicated to all GS-SIS Ph.D students**

Registration on ADUM :  
<https://www.adum.fr/psaclay/formations>

## Training catalog GS-SIS

LES FORMATIONS PROPOSÉES

PRÉPARER SA MOBILITÉ PROFESSIONNELLE	MAÎTRISER LES OUTILS ET LES MÉTHODES	FAVORISER SON OUVERTURE INTERNATIONALE	SE SPÉCIALISER À TRAVERS LES FORMATIONS PROPOSÉES PAR LES GRADUATE SCHOOLS ET LES ECOLES DOCTORALES
<ul style="list-style-type: none"><li>▸ Découvrir le marché de l'emploi ouvert aux doctorants</li><li>▸ Parcours « Carrières de docteurs : Enseignement du supérieur »</li></ul>	<ul style="list-style-type: none"><li>▸ Assurer une veille documentaire et bibliographique</li><li>▸ Rédiger son travail de recherche</li><li>▸ Exposer son travail de recherche</li></ul>	<ul style="list-style-type: none"><li>▸ Se former à l'interculturalité</li><li>▸ Communiquer en anglais scientifique</li></ul>	<ul style="list-style-type: none"><li>▸ Les formations des GS</li><li>▸ Les formations des ED</li></ul>

# How to validate training hours



On ADUM, from your profile:

- Choose the tab « Ajouter une formation hors catalogue »
- Choose a category,
- Choose skill blocs
- Fill hours/points
- Upload a certificate

The screenshot displays the ADUM user interface. At the top, there is a navigation bar with the following elements:

- Espace personnel** (highlighted in pink)
- Mon profil
- Questions
- Déconnexion (top right)
- Rechercher... (search bar)

Below the navigation bar is a progress indicator with the following steps:

- Qui êtes-vous ?
- Vos diplômes
- Votre thèse
- Personnalisation
- Confirmation

The main content area is divided into two panels:

- Mon profil** (left panel):
  - Affichage sur le web
  - Changer mon mot de passe
  - Mon CV
  - Ma photo (jpg)
- Formations** (right panel):
  - Catalogue
  - Récapitulatif de participation aux formations
  - Formations en cours
  - Ajouter une formation "hors catalogue"** (highlighted with an orange circle)





# Paris-Saclay Masters : Pole A



Site	Master
Orsay/Gif	<b>ATSI</b> Automatique et Traitement du Signal et des Images / Automatic Control, Signal and Image Processing <b>MVA</b> Mathématiques, Vision, Apprentissage <b>NM</b> Multimedia Networking <b>ROSP</b> Réseaux Optiques et Systèmes Photoniques / Optical networks and Photonics Systems <b>SAR</b> Systèmes Avancés de Radiocommunications / Advanced Wireless Communications Systems <b>SETI</b> Systèmes Embarqués et Traitement de l'Information
Evry	<b>SAM</b> Systèmes Automatiques Mobiles <b>SAAS</b> Smart Aerospace & Autonomous Systems

# Paris-Saclay Masters : Pole B



Site	Master
Orsay/Gif	<b>AIC</b> Apprentissage, Information et Contenu / Machine Learning, Information and Content <b>D&amp;K</b> Data & Knowledge (in English) <b>Data Science</b> (in English, at EIT Digital) <b>Datascale</b> Gestion de données dans un monde numérique / Data Management in a Digital World <b>HCId</b> Human Computer Interaction and Design (in English, at EIT Digital) <b>ISD</b> Informatique pour la Science des données
Evry	<b>CNS</b> Computer & Network Systems
Versailles	<b>SeCReTES</b> Sécurité des Contenus, des Réseaux, des Télécommunications et des Systèmes <b>Datascale</b> Gestion de données dans un monde numérique / Data Management in a Digital World <b>RAM</b> Robotique, assistance et mobilité

# Paris-Saclay Masters : Pole C



Site	Master
Orsay/Gif	<b>FIIL</b> Fondements de l'informatique et ingénierie du logiciel <b>AFP</b> Algorithmique et Fondements de la Programmation <b>MPRI</b> Parisian Computer Sciences Research Master
Evry	<b>CNS</b> Computer & Network Systems
Versailles	<b>SeCReTES</b> Sécurité des Contenus, des Réseaux, des Télécommunications et des Systèmes <b>AMIS</b> Algorithmique et Modélisation à l'interface des Sciences