ED STIC
Information Meeting
Réunion d’Information

November, 30th 2017
TELECOM PARIS TECH
Welcome to the STIC Doctoral School
Bienvenue à l’Ecole Doctorale STIC

Organization of the Day – Morning –

09:00 – Welcome & Coffee

09:30 – General Presentation
Nicole Bidoit-Tollu
STIC Doctoral School Team

10:30 Coffee Break & Individual Meetings

11:00 – Courses and Training
Hanna Klaudel, Bich-Liên Doan, Alain Sibille,

11:45 – PhD Representative Words
Steven De Oliveira, Maxime Martelli, Robin Pelle, Fetra Rasoanarivo, Kunal Suri

12:30 – Lunch & Individual Meetings
Welcome to the STIC Doctoral School
Bienvenue à l’Ecole Doctorale STIC

Organization of the Day – Afternoon
PhD Award Ceremony

14:00 – Opening
Philippe Jacquet, Nokia Bell Labs
Nicole Bidoit-Tollu, ED STIC & Bruno Defude, DigiCosme

14:30 – M. Olivier Hahm                     First Price Award
14:50 – Mme Wanyu Liu                      First Price Award
15:10 – Mme Lauriane Aufrant               Second Price Award
15:30 – M. Mathieu Carrière                Second Price Award
16:00 – Reception
Welcome to the STIC Doctoral School
Bienvenue à l’Ecole Doctorale STIC

Organization of the Day – Morning –

09:00 – Welcome & Coffee

09:30 – General Presentation
Nicole Bidoit-Tollu
STIC Doctoral School Team

10:30  Coffee Break & Individual Meetings

11:00  –  Courses and Training
Hanna Klaudel,  Bich-Liên Doan,  Alain Sibille,

11:45  –  PhD Representative Words
Steven De Oliveira, Maxime Martelli, Robin Pelle, Fetra Rasoanarivo, Kunal Suri

12:30  –  Lunch & Individual Meetings
STIC Doctoral School
General Presentation

PLAN

1. Scientific And Functional Organization
   What ? Who ? Where ?

2. Preparing Your Phd At ED STIC
   Before ? During ? After ? actors ? supports ?
   – Many Many Things To talk About –
   Pratical Information disseminated all along

???????? ASK QUESTIONS TODAY ??????????

Check The STIC Doctoral School Web Site
« The ED STIC SURVIVAL » & « The WHAT’S NEXT » Guides
STIC Doctoral School
Organization

Sciences and Technologies of Information and Communication

One of the 20 Doctoral Schools of Paris Saclay University created in 2015.
STIC Doctoral School
Scientific Domain Based Organization

POLE 1
System & Control, Signal Processing, Image Processing, Robotics

POLE 2
Networks, Information and Communications

POLE 3
Data, Knowledge, Machine Learning and Interactions

POLE 4
Programming: models, algorithms, languages, architecture
750 PhD Students registered last year …
more than 800 expected this year

more than 400 supervisors (HdR)

POLE 1
System & Control, Signal Processing, Image Processing, Robotics

POLE 2
Networks, Information and Communications

POLE 3
Data, Knowledge, Machine Learning and Interactions

POLE 4
Programming : models, algorithms, languages, architecture
Each PhD Student belongs to ONE « pôle »

<table>
<thead>
<tr>
<th>POLE 1</th>
<th>POLE 2</th>
<th>POLE 3</th>
<th>POLE 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>System &amp; Control, Signal Processing, Image Processing, Robotics</td>
<td>Networks, Information and Communications</td>
<td>Data, Knowledge, Machine Learning and Interactions</td>
<td>Programming : models, algorithms, languages, architecture</td>
</tr>
</tbody>
</table>

Each supervisor belongs to ONE « pôle »
STIC Doctoral School
Scientific Domain Based Organization

YOUR POLE

Foo Topic
Director :
Secretary :
Mail : pole…@lri.fr

Same organization
Pole Committee : 12 members (1 PhD Student)

Same rules for all processes
Recruiting, Registration, Tutoring, Training, Support, Defense, Post-doctoral, …
POLE 1

System & Control, Signal Processing, Image Processing, Robotics

Director: Gilles Duc – CentraleSupelec
Secretary: Anne Batalie
Mail: pole1@lri.fr
STIC Doctoral School
Scientific Domain Based Organization

POLE 2

Networks, Information and Communications

Director: Alain Sibille – Telecom ParisTech
Secretary: Florence Besnard
Mail: pole2@lri.fr
STIC Doctoral School
Scientific Domain Based Organization

POLE 3

Data, Knowledge, Machine Learning and Interactions

Director : Anne Vilnat – UPSud
Secretary : Stéphanie Druetta
Mail : pole3@lri.fr
POLE 4

Programming: models, algorithms, languages, architecture

Director: Leila Kloul – UVSQ
Secretary: Bénédicte De Ferron
Mail: pole4@lri.fr
# STIC Doctoral School
## Scientific Domain Based Organization

### Director
- **Nicole Bidoit-Tollu** – UPSud
- Secretary: Séphanie Druetta

### Training
- **Hanna Klaudel** – UEVE

### International
- **Benjamin Doerr** – Ecole Polytechnique

### Industry
- **Véronique Vèque** – UPSud

### POLE 1
**System & Control, Signal Processing, Image Processing, Robotics**
- **Director**: Gilles Duc – CentraleSupelec
- Secretary: Anne Batalie

### POLE 2
**Networks, Information and Communications**
- **Director**: Alain Sibille – Telecom ParisTech
- Secretary: Florence Besnard

### POLE 3
**Data, Knowledge, Machine Learning and Interactions**
- **Director**: Anne Vilnat – UPSud
- Secretary: Stéphanie Druetta

### POLE 4
**Programming : models, algorithms, languages, architecture**
- **Director**: Leila Kloul – UVSQ
- Secretary: Bénédicte De Ferron
By now You should know the pôle you belong to!

How to contact us?

**BY MAIL : USE THE EMAILS OF THE POLE**

- **secr-poleX@lri.fr** reaches the secretary of the pole
- **poleX@lri.fr** reaches the director and secretary of the pole

**Formatting your mail**

Always Put Your Name and Main Topic in the Title

Examples:

- Subject: Registration– Zoe PhD
- Subject: Training– Luc PhD

How do the ED STIC contact you?

**BY MAIL WITH THE ADDRESS PROVIDED IN ADUM**

email address up to date?

**YOU WILL RECEIVE MAILS FROM THE ED STIC VIA ADUM**

read / answer your mail

Messages are sent in french and english most of the time
STIC Doctoral School
Practical Information – PART 1

By now You should know the pôle you belong to!

BOOKMARK ADUM IN YOUR FAVORITE BROWSER!
https://www.adum.fr/framePrincipale.pl

Adum is a national Information System

BOOKMARK THE ED STIC WEB SITE IN YOUR FAVORITE BROWSER!
https://www.universite-paris-saclay.fr/fr/formation/doctorat/sciences-et-technologies-de-linformation-et-de-la-communication-stic-0#l-ecole-doctorale

Information in french and in english … in the french pages
Starting a research Carrier: student & professional

Scientific Project
(3 years)
PHD STUDENT CORE ACTIVITY
RESEARCH FOCUSED on a PROJECT

ADVANCEMENT OF KNOWLEDGE & TECHNOLOGY

– **Gain critical knowledge and professional expertise**
  » Study the state of the art
  » Seminars, courses, summer schools

– **Produce new knowledge & technology**
  » Right questions in complex situation!
  » Develop your ideas, prove they are correct
  » Theory, Experimentations, Validations, Industrial Innovation

– **Communication, Defend & Disseminate your ideas**
  » publications (*quality better than quantity*), presentations, visiting colleagues
  » **requirement for the defense**: at least ONE international publication in a selective venue
Starting a research Carrier: student & professional

Scientific Project (3 years) + Professional Experience & training
STIC Doctoral School
Preparing Your PhD

PHD STUDENT EDUCATION AND TRAINING

Doctoral Education & Training
  – Supporting your research activity
    ▪ master course
    ▪ thematic summer / winter / spring school
  – Skills acquisition / preparing your professional carrier:
    ▪ project management,
    ▪ collaborative work,
    ▪ decision making,
    ▪ managing funding

11:00 – Courses and Training at ED STIC
Hanna Klaudel, Bich-Liên Doan, Alain Sibille
PHD STUDENT (OTHER) ACTIVITIES

Missions Hors Recherche

- Teaching
- Scientific & Technical information dissemination
- Valorisation
- Expertise
Starting a research Carrier: student & professional

Scientific Project (3 years)

Supervisor
Co-supervisor

Professional Experience & training

Research Lab or Team
Academy or Company
PHD SUPERVISOR ROLE

Main Contact

- PhD project coordinator
- Frequent and regular follow-up (thesis advancement)
- Publication, Writing the thesis manuscript
- Choice of training
- Help to prepare the PhD student career

Weekly supervisory meetings are the best pattern

RESEARCH LAB / TEAM

Research Support for the accomplishment of the PhD project

- Office, computer … and other resources for the accomplishment of the PhD project
- Seminars, lab’s events
STIC Doctoral School
Preparing Your PhD

Starting a research Carrier: student & professional

Scientific Project (3 years)

Professional Experience & training

Supervisor Co-supervisor

Research Lab or Team Academy or Company
Starting a research Carrier: student & professional

- Scientific Project (3 years)
- Professional Experience & training
- Supervisor
- Co-supervisor
- Research Lab or Team
- Academy or Company
- Funding (3 years)
- Working contract
- Funding Institution
- Employer
- Doctoral Degree
- University Paris Saclay
- Registration Institutions
STIC Doctoral School
Environnement

Labs and Research Units of ED STIC

- 13 Research Units / Labs and more than 10 other research teams
  CEA List, DAVID, IBISC, INRIA Saclay, L2S, LIMSI, Li-Parad, LISV, LIX, LRI, LSV, LTCI, SAMOVAR, ...
- Companies PhD project coordinator
  Orange, Thalès, … startups

University Paris Saclay

- 3 universities
  UEVE, UPSud, UVSQ
- 5 grandes écoles
  CentraleSupélec, École Polytechnique, ENS Paris Saclay, Télécom ParisTech, Télécom SudParis
- 3 major research institutions
  CEA, CNRS, INRIA
- 1 associated institution
  IRT SystemX
STIC Doctoral School
Preparing Your PhD

Starting a research Carrier: student & professional

Scientific Project (3 years)

Professional Experience & training

Supervisor
Co-supervisor

Research Lab or Team
Academy or Company

Funding (3 years)
Working contract

Funding Institution
Employer

Doctoral Degree

University Paris Saclay
Registration Institutions
DOCTORAL SCHOOL ROLE

Coordination of actors and process

- Recruiting – Selection
- Registration, Registration renewal
- Training / Doctoral Education
- Follow up / Tutoring
- Animation, International, Companies
- PHD Defense
- Professional Carrier
FOLLOW-UP COMMITTEE

Yearly Milestone -- Registration Renewal

– Progress Report, Next Year program, Auto-evaluation
– Meetings with your follow-up committee: end of 1st, 2nd, 3rd year

End of 1st Year: informal (mandatory) meeting with your tutor
During 2nd Year: Mid-term evaluation
End of 3rd Year: Pole Director

Major Milestone Mid-term evaluation

– evaluation by a scientific committee (2 external members)
– scientific report (10 pages/article) + future work + Training + Professional project
– public presentation & private discussion with the committee
PHD DURATION : A VERY TIGHT TIMING

PhD Duration : 36 months … 3 years & 3 months accepted

Warning : defense before mid Dec. of year Y for applying on assistant professor positions of year Y+1

4th year

– authorization from ED, report & interview with follow up committee
– financial support required
– residence permit renewal

5th year  NO

Statistics  Average duration : 42 months  Duration less than 40 months : 42 %
To be improved wrt government regulations
MAIN TOOLS

ADUM

– Information System administrative + professional data
– Used by the doctoral school, the universities, your lab, …
– Used by doctors and companies

➤ Keep your data up to date

YOUR E-MAIL !!!!!!!!!!!!!!!!!!!!!!!!!!!!!

– It’s NOT an automatic replyer
– It’s NOT the web site

WEB SITE

– Rules
– Information
– How to do, Who to contact, Dead lines
Many things to do

Experimental work, Software development, Publications, Training, Teaching, Administration

– Have a roadmap … to check and revise at least once a year!
  » Research & Training

– (Learn to) Be autonomous but get help (supervisor) and collaborate (team)

– Be well-organized (get some training)
  » Some periods are more productive than others
  » Do not waste time!

2,5% of the PhD students (too many) stop before their defense!

In case of (any kind of) difficulties get in touch with the DS as early as possible!
BE CAREFULL to be aware of your employer and working organization rules!
- publications, confidentiality
- registration deadlines, training, defense deadlines . . .
- traveling, sick leave, vacations, office hours . . .

Read the PhD Chart
- Help to understand the role of the multiple actors
- Rights & obligations

Main Contacts
- Your supervisor
- Your pôle
- The PhD student representative

In case of (any kind of) difficulties get in touch with the DS as early as possible!
ENJOY YOURSELF!

Doing Research
Developing & Sharing Experiences
Travelling To Conferences
Visiting Research Teams Around The World And in Companies!

FOCUS ON YOUR GOALS!

Read Carefully the Mail from Adum and Doctoral School
Answer To Requests ASAP and at least On TIME!
Please Contact Us ASAP in case of any Problem
STIC Doctoral School
Many things that have’nt been addressed

• PhD Defense
  – another meeting in March (2nd year)

• After the PHD ?
  – another meeting in March (2nd year)

• Social PHD life ?
  – PhD representatives
  – PhD student organizations
  – Scientific organisations

• Events ?
  – PHD seminars / poster presentations / industrial meetings
  – PhD student awards
  – UPSay Graduation Ceremony
QUESTIONS?

Thanks to the STIC Team and especially to the secretaries

Anne Batalie,
Florence Besnard,
Stéphanie Druetta,
Bénédicte De Ferron

Thanks to
Telecom ParisTech
for Welcoming us
Welcome to the STIC Doctoral School
Bienvenue à l’Ecole Doctorale STIC

Organization of the Day – Morning –

09:00 – Welcome & Coffee

09:30 – General Presentation
Nicole Bidoit-Tollu
STIC Doctoral School Team

10:30 Coffee Break & Individual Meetings

11:00 – Courses and Training
Hanna Klaudel, Bich-Liên Doan, Alain Sibille

11:45 – PhD Representative Words
Steven De Oliveira, Maxime Martelli, Robin Pelle, Fetra Rasoanarivo, Kunal Suri

12:30 – Lunch & Individual Meetings
Welcome to the STIC Doctoral School
Bienvenue à l’Ecole Doctorale STIC

Organization of the Day – Morning –

09:00 – Welcome & Coffee

09:30 – General Presentation
Nicole Bidoit-Tollu
STIC Doctoral School Team

10:30 Coffee Break & Individual Meetings

11:00 – Courses and Training
Hanna Klaudel, Bich-Liên Doan, Alain Sibille

11:45 – PhD Representative Words
Steven De Oliveira, Maxime Martelli, Robin Pelle, Fetra Rasoanarivo, Kunal Suri

12:30 – Lunch & Individual Meetings
Welcome to the STIC Doctoral School
Bienvenue à l’Ecole Doctorale STIC

Organization of the Day – Morning

09:00 – Welcome & Coffee

09:30 –  General Presentation
Nicole Bidoit-Tollu
STIC Doctoral School Team

10:30  Coffee Break & Individual Meetings

11:00  –  Courses and Training
Hanna Klaudel, Bich-Liên Doan, Alain Sibille

11:45  – PhD Representative Words
Steven De Oliveira, Maxime Martelli, Robin Pelle, Fetra Rasoanarivo, Kunal Suri

12:30 – Lunch & Individual Meetings
PhD Student Representatives

Pôle 1  Fetra Rasoanarivo, Maxime Martelli

Pôle 2

Pôle 3

Pôle 4  Kunal Suri, Robin Pelle, Steven de Oliveira

RENEWAL OF THE PHD REPRESENTATIVES
Welcome to the STIC Doctoral School  
Bienvenue à l’Ecole Doctorale STIC  

Organization of the Day – Morning –

09:00 – Welcome & Coffee

09:30 – General Presentation  
Nicole Bidoit-Tollu  
STIC Doctoral School Team

10:30 Coffee Break & Individual Meetings

11:00 – Courses and Training  
Hanna Klaudel, Bich-Liên Doan, Alain Sibille

11:45 – PhD Representative Words  
Steven De Oliveira, Maxime Martelli, Robin Pelle, Fetra Rasoanarivo, Kunal Suri

12:30 – Lunch & Individual Meetings
Welcome to the STIC Doctoral School  
Bienvenue à l’Ecole Doctorale STIC  

Organization of the Day – Afternoon  
PhD Award Ceremony  

14:00 – Opening  
Philippe Jacquet, Nokia Bell Labs  
Nicole Bidoit-Tollu, ED STIC & Bruno Defude, DigiCosme  

14:30 – M. Olivier Hahm  
First Price Award  

14:50 – Mme Wanyu Liu  
First Price Award  

15:10 – Mme Lauriane Aufrant  
Second Price Award  

15:30 – M. Mathieu Carrière  
Second Price Award  

16:00 – Reception
Prix "Meilleure production scientifique ED STIC
Université Paris Saclay
Sponsorisée par : Labex DigiCosme, ED STIC

Le prix "Meilleure production scientifique ED STIC Paris Saclay" récompense chaque année les travaux de recherche de doctorants de l'ED STIC pour leur excellence.

L’objectif de ce prix est de dynamiser et de motiver les doctorants en les récompensant et en exposant leurs travaux à la communauté, en particulier aux jeunes chercheurs qui débutent leur thèse.

L’école doctorale "STIC" remet chaque année entre 4 et 8 prix d’une valeur maximale chacun de 1000 euros.

L’ED STIC souhaite par ce prix promouvoir tous les types de productions scientifiques des doctorants.