

# Rentrée des doctorants 2016



**ÉCOLE DOCTORALE SCIENCES ET INGÉNIERIE  
POUR L'INFORMATION, MATHÉMATIQUES**

<http://s2i.ed.univ-poitiers.fr/>

# The 3 sites of ED S2IM

- Site of Poitiers (80 PhD students in 2016)
  - Laboratory LMA (17)
  - Laboratory XLIM – Poitiers (32)
  - Laboratory LIAS (31)
- Site of Limoges
  - Laboratory XLIM
- Site of La Rochelle
  - Laboratory MIA
  - Laboratory L3I

# Direction team

**Bernard JARRY**

*Director  
(University of  
Limoges)*

**Alain GAUGUE**

*Deputy director for  
the University of La  
Rochelle*

**Samuel BOISSIERE**

*Deputy directeur for  
the University of  
Poitiers*

**Ladjel**

**BELLATRECHE**

*Deputy director for  
the ENSMA*

# Local secretary

- **Alicia LECESVE**

Secretary of ED S2IM for the University of Poitiers

- **Sylvie PEREZ**

Scholarship of the University of Poitiers

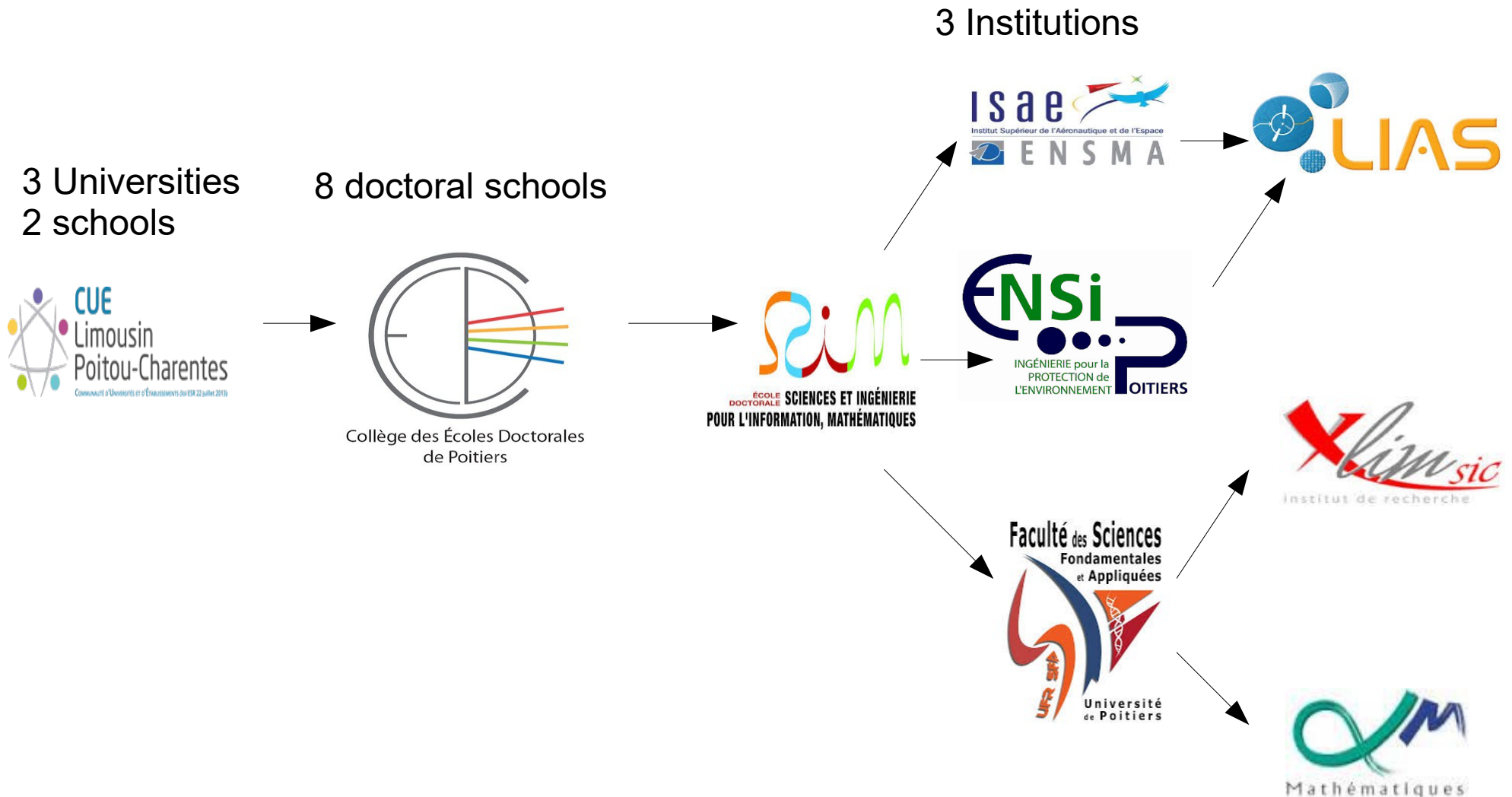
- **Marie-Dominique BERGEREAULT**

Scholarship of the ENSIP

- **Audrey VERON**

Secretary of ED S2IM for the ENSMA

# Organisation of the site of Poitiers



# Your PhD

- **PhD thesis = 3 years = 36 months**
  - Minimum funding 1000 €/mois
  - Annual reinscription with **activity report** signed by your PhD advisor
  - No defense before 32 months
- **From octobre 1<sup>st</sup> 2016 to septembre 30<sup>th</sup> 2019**
  - Defense until december 2019 without 4<sup>th</sup> year inscription
  - 4<sup>th</sup> year inscription only by derogation, only if the funding is extented

# End of the PhD

- Defense authorization
  - 8 semaines before expected day of defense
- 5<sup>th</sup> year of PhD ?
  - Exceptional, by derogation: activity report, manuscript, expected date of defense, funding
- At the end of the 5<sup>th</sup> year: PhD cancelled
- Get prepared to your post-PhD in advance (candidatures to postdocs, qualification MCF)

# Mobility funding

- Short mobility in France or outside
- mobility outside France (2-3 weeks)
- Long time mobility outside France (2-3 months): **Foundation of the UP (1 call/year)**
- **Conditions:**
  - 50% funding maximum (only train, flight and hotel)
  - Cofunding laboratory
  - application forms at the ED, activity report at return



# PhD monitoring

- End of **first** year:
  - Interview with exterior expert
- End of **second** year:
  - Short talk with the committee (PhD advisor, director of doctoral school, laboratory director, exterior expert)
    - Presentation of your work
    - Projects
    - Courses
    - Publications, invitations

# PhD monitoring

- Objectives :
  - Evaluate the **actual state** of the PhD and the scientific production (publications, communications)
  - Start to think at the PhD **defense**
  - Working conditions and **relation with the advisors**
  - Encourage **mobility** and development of personal networks
  - Advise the student on his formation and **post-PhD projects**

# Formations

90h mandatory formation

- 30h of speciality formation
- 30h of thematic formation
- 30h of professional formation

# Why these formations ?

## Recommandations of the HCERES :

“Les écoles doctorales s’inscrivent dans l’offre de **formation de niveau bac + 8.**”

“Les ED ont pour mission d’assurer aux étudiants une **formation par la recherche.**”

“Accessible pour l’ensemble des doctorants, le **bouquet de formations** proposées est clairement organisé en termes de contenu et de volume horaire”

# Speciality formation

- Speciality courses this year (in french or english), inscription at secretary :
  - Structures de Poisson et applications (P. Vanhaecke)
  - Partial derivative equations (M. Petcu)
  - Théorie des représentations (P. Broussous)
  - Géométrie discrète (E. Andres)
  - Réseaux de capteurs sans fil (H. Boeglen)
  - Introduction to multidimensional systems (N. Yeganefar)
  - Traitement non linéaire des images hyperspectrale (N. Richard)

# Speciality formation

Other activities that validate hours of speciality formation

(validation limited in time and quantity to encourage open mind and mobility) :

- Talks in conferences
- Talks in working groups dans des groupes de travail
- Summer schools
- Master 2 lectures (exceptionally)
- Validation by attestation of attendance at the secretary of the doctoral school

# Thematic formation

- Formations of 2-3 days on an actual research topic understandable to any PD student
- Two principal topics :
  - Societal aspects of the technologies of information
  - Mathematics and modelisation
- **Two** seminars during your PhD (15h each)
- To be hold every 6 months alternatively in La Rochelle, Poitiers, Limoges

# Thematic formation

*Upcoming thematic seminar:*

*thème “Aspects sociétaux des technologies de l'Information”*

Poitiers, Spring 2017 ?  
organized at the ENSMA on

**Quality control and certification**

*Inscriptions in january*



# Transversal formation (in french)

- Encadrement d'équipe
- gestion des situations difficiles
- Conduite de thèse
- Ethique scientifique
- Pré-inscription auprès du secrétariat  
(places limitées)
- Exception : DCACE

# DCACE

Doctorant **C**ontractuel  
à **A**ctivité **C**omplémentaire d'**E**nseignement

- Teaching contract 64h/year (in french)
- 2<sup>nd</sup> and 3<sup>rd</sup> year of PhD
- **Transversal formations** given by the **CPMEC**  
(**C**entre de **P**réparation au **M**étier d'Enseignant-  
**C**hercheur)
- Available Positions and application in june 2017

# Representative of the PhD students

**Marco Ramponi (LMA)**

represents the PhD students of the doctoral school S2IM of the University of Poitiers

**Georges Kemayo (LIAS)**

represents the PhD students of the doctoral school S2IM of the ENSMA

# Associations of PhD students

**ADIIS :**

Association des Doctorants en  
Informatique, Images et Signaux