

Université

de Strasbourg

---

# Programme Doctoral

---

## International

---



*Programme doctoral international*  
*International doctoral programme*



---

## Promotion 2017

---



Archit BAGUL



Sonia CANNAS



Julian DEL FIORE



Caroline FARIA BELLANI



Alejo FERNANDEZ MARTIN



Rituparna GOSWAMI



Nadja GROYSBECK



Marylou HAMM



Matus HLAVAC



Anil JOSHI



Hannes KÄCKMEISTER



Maho NAKAGAWA



Ionut Dragos ONESCU



Swapneel Amit PATHAK





Sofia PATSALI



Marie-Charlotte QUIN



Abdoul-Djawadou SALAOU



Angela SCHIFFHAUER



Federico SESTITO



Diana SIBRIKOVA



Janina SPONSEL

Archit BAGUL

**IDEX STUDENT**

[bagularchit@gmail.com](mailto:bagularchit@gmail.com)

Indian



Doctoral School: ED 414 (Health and Life Sciences)

Research unit: IGBMC (Institut de Génétique et de Biologie Moléculaire et Cellulaire)

Supervisor : Dr. Angela GIANGRANDE

Endowed by an encouraging set of parents, I was perhaps nudged into the direction of biology at an age as young as 13. In a fervent desire to read books and impress my teenage friends with fun facts, I came across “Genome” by Matt Ridley. While I never became much popular amongst my classmates back then, I felt drawn to those fantastic tales of the human genome and how it dictates our life and lifestyle. It was only after joining an Integrated Masters course in Biotechnology that I realized becoming good at biology took much more than reading ‘fascinating tales’. Yet through the textbooks and the laboratory tutorials, I came through as a person ever more interested in biology, and even more precisely Cell and Molecular Biology.

After my Masters, which was topped off by a dissertation project in chromosome biology, I started my journey of independent research into the foray of organ size regulation. While focusing

mainly on the signaling pathways and processes affected by nutrient signals, I realized the wider picture that was forming. In between going from Chromosomal territories and transcriptional factories in the nucleus and cell growth and proliferation of an organ was the enigmatic question of progenitors and stem cells.

How do stem cells or progenitors know when to divide and make or repair organs? My work in the fruit fly carried out as a research fellow made me realize the power of this model system and the potential of addressing that exact question. I feel excited and lucky that I will get to continue this journey with even more fervor and even better resources at the University of Strasbourg under the guidance of Dr. Angela Giangrande at IGBMC. I will be joining the PDI IdEx program at the University of Strasbourg in pursuit of my Doctoral degree.

Sonia CANNAS

**COTUTELLE STUDENT**

[sonia.cannas@etu.unistra.fr](mailto:sonia.cannas@etu.unistra.fr)

ITALIAN



Doctoral school: Ed 269

(Mathematics, information science and engineering)

Research unit : IRMA (Institut de recherche mathématique avancée)

Supervisors: Prof. Anastase Papadopoulos, Prof. Moreno Andreatta (Unistra), Prof. Ludovico Pernazza (Università degli Studi di Pavia)

I was born in Cagliari, the main city of Sardinia, in Italy. After the High school Diploma in scientific studies, I started to study Mathematics at the University of Cagliari. Meanwhile I continued to study music at the Conservatory "G. P. da Palestrina" in Cagliari, where I obtained the Master of Arts in Viola in 2014.

In 2015 I obtained the Master of Science in Mathematics with honors, and my math-music thesis "The generalized diatonic scale and the Stern-Brocot trees" was selected among the 17 best thesis of the University of Cagliari.

During my studies I started to be interested on the relationships between mathematics and music, therefore I participated in some PhD competitions in

Italy. Currently, I am a PhD student in Mathematics at the University of Pavia (Italy), in co-tutorship with the University of Strasbourg and in agreement with the University of Milano-Bicocca.

I am a member of the research project "SMIR" (Structural Music Information Research), financed by USIAS (University of Strasbourg Institute for Advanced Studies). My main research interests include the research in Mathematical Music Theory, in particular geometric and algebraic models for music analysis, composition and computational musicology. I am also interested in the history of mathematics and music, interdisciplinary teaching and learning, and scientific dissemination.

Julian Martin DEL FIORE

**IDEX STUDENT**

julian-martin.del-fiore@etu.unistra.fr

ARGENTINIAN/ITALIAN



Doctoral school: Ed 269 (Mathematics, information science and engineering)

Research unit: ICUBE

Supervisor: Prof. Cristel PELSSER

Still as an undergraduate student in Argentina, the possibility of making an internship in IMT Atlantique in Rennes meant my first approach towards research. During that time, not only did I publish my first article of investigation, but I also had the chance to participate in the AlgoTel & CoRes 2017 conference and to expose to the community the work in IoT related to 6TiSCH that we had been working on in the lab. This experience was wonderful and left me with no doubts: my future had to remain in deep touch with the Academia. In this sense, I had the luck to quickly find a thesis here in Strasbourg, now facing a completely new topic for me: Security on the Internet.

I finished my Electronics Engineering career at the University of Buenos Aires with honours and, during the course of my PhD, I am really looking forward to keep contributing to the research community as well as continue learning. My wife and I arrived to Strasbourg less than a month ago and we are already enjoying life in France, willing also to little by little get to know better Europe and its people. The adventure has just started, but we are already thrilled. We can't wait to see what will come next.

Caroline FARIA BELLANI

**COTUTELLE STUDENT**

[caroline.faria-bellani@etu.unistra.fr](mailto:caroline.faria-bellani@etu.unistra.fr)

BRASILIAN

Doctoral school: ED 182 (Physics and Physical Chemistry)

Research unit : ICPEES (Institut de chimie et procédés pour l'énergie, l'environnement et la santé)

Supervisors: Prof. Guy Schlatter (Unstra),  
Prof. Marcia Cristina Branciforti (Universidade de Sao Paulo)

Hello everybody, my name is Caroline. I am a PhD candidate in Bioengineering at the University of São Paulo and in Polymers Chemistry at University of Strasbourg. I have a BSC and Full licentiate in Biological Sciences, and since graduating, I've started some scientific trainees with biodegradable polymers and I've never stopped the lab work. Once I graduated, I started the PhD studies in Bioengineering. Then, I've worked for 10 months at Harvard-MIT Health Sciences and Technologies, with a project of rapid vascularization in 3D biofabrication. In order to improve the work I've started in the United States, I started to work at the CNRS at Cronenbourg campus, when I also started the PhD studies in Polymers Chemistry, through a joint supervision agreement between the University of Strasbourg and the University of São Paulo. This year, I've become a member of the International Doctoral Program, and I am really looking forward for the possibilities and challenges this program will provide for all of us.



*Bonjour à tous, je m'appelle Caroline, et je suis doctorante en Bioingénierie à l'Universidade de São Paulo et en Chimie des Polymères à l'Université de Strasbourg. Je suis diplômée en Sciences Biologiques et, déjà à l'Université, j'ai effectué des stages scientifiques sur les polymères biodégradables et je n'ai jamais arrêté de travailler au labo. Dès mon diplôme obtenu, j'ai commencé des études de doctorat en bio ingénierie. Ensuite, j'ai travaillé 10 mois à Harvard - MIT Health Sciences and Technologies, avec un projet sur la vascularisation rapide dans la bio fabrication 3D. Afin d'améliorer le travail que j'avais entrepris aux États Unis, j'ai commencé à travailler au CNRS du campus de Cronenbourg, quand j'ai aussi débuté mon doctorat en Chimie des Polymères, en convention de cotutelle avec l'Université de Strasbourg et l'Universidade de São Paulo. Cette année, je suis devenue membre du Programme Doctoral International, et je me réjouis d'avance des possibilités et défis le Programme va nous offrir.*



Alejo FERNANDEZ MARTIN

**IDEX STUDENT**

alejo.fernandez@etu.unistra.fr

SPANISH



ED 101 (Droit, Sciences Politiques et Histoire)

Unité de recherche : CEIE (Centre d'études internationales et européennes)

Directeur de thèse : Mme Catherine Haguenau-Moizard

Après l'obtention d'un Master 1 en droit public à l'Université Complutense de Madrid en 2014, j'ai décidé de poursuivre mes études à Strasbourg où j'ai été admis au sein du Master 2 droit pénal de l'Union européenne en 2015. Au cours de l'année et à travers les différents séminaires du cursus, je me suis sensibilisé sur la question de la protection des libertés individuelles au sein de la lutte contre le terrorisme.

J'ai réalisé un stage à la Cour européenne des droits de l'Homme, au greffe, où j'ai travaillé sur la recevabilité des requêtes. À l'issue de cette expérience, j'ai réalisé une vacation d'un an au Tribunal administratif de Strasbourg en tant que responsable des expertises et assistant du contentieux.

J'ai été admis cette année au sein du « Programme doctoral international IdEx » afin de rédiger une thèse intitulée "la lutte contre le terrorisme en France et en Espagne face au droit européen" en cotutelle au sein du CEIE. La présente thèse invite à réaliser une étude comparée des législations françaises et espagnoles en matière de lutte contre le terrorisme et de les confronter aux exigences du droit européen au sens large (droit de l'Union européenne et droit européen des droits de l'homme).

Rituparna GOSWAMI

**IDEX STUDENT**

[rituparna.goswami@etu.unistra.fr](mailto:rituparna.goswami@etu.unistra.fr)

INDIAN



ED 414 (Health and Life Sciences)

Research unit: IBMP (Institut de Biologie Moléculaire des Plantes)

Supervisors: Dr. Marie-Edith Chabouté (Unistra) and Dr. Olivier Hamant (RDP - ENS Lyon).

From the very beginning of my studies I was truly mesmerized with the complex yet beautiful aspects of science. To pursue my interest, I took science major during my Higher Secondary school education, which I completed on 2010. To follow the quest of knowledge, I studied for undergraduate degree under University of Burdwan (India) on biology and chemistry. I was involved in a project on Characterization of the water quality and zooplankton diversity in the rivers of Bankura.

After graduating on 2013, I joined Bose Institute for Master's degree (with fellowship from govt. of India). I was awarded the master in life sciences (M.Sc.) degree on 2015. My master's project work was based on cloning and characterization of a small heat shock protein (HSP20) from an archaeal species *Sulfolobus acidocaldarius*.

After finishing my Master, I worked as a trainee researcher at University of Bristol, U.K and worked on expressing galactosyltransferases in Rosetta strains of *Escherichia coli*.

I took different courses on cell biology, plant culture, Imaging, molecular biology, Mass spectroscopy, also I had the opportunity to get involved in a professional environment with several academics and students from all

around the world, across a range of disciplines.

I am a PhD student in the IDEX fellowship framework at the University of Strasbourg under the supervision of Dr. Marie-Edith Chabouté (IBMP- Strasbourg) and Dr. Olivier Hamant (RDP - ENS Lyon). I will be working on the characterization of signaling events going on the nuclear envelop of plant cell during mechanical signaling. Mechanical signals are proved to a take an important role in several biological processes. Animals and Plants have a diverse and distinct range of response in que of mechanical signals. This signals travels to the nucleus and help to modify the chromatin in way that expression of necessary response takes place. In case of plants, the exact pathway of interaction of the proteins in cytoplasm, nuclear envelop and inside nucleus during mechanical signaling is poorly understood. Through our project we aim to have a better understanding in this field.

Beside science I love to read books, music, travelling, photography, movies, cooking.

I truly believe in Science and its amazing potential to help in development of knowledge and society.

Nadja GROYSBECK

**IDEX STUDENT**

nadja.groysbeck@etu.unistra.fr

AUSTRIAN



ED 222 (Chemistry)

Research unit: Biotechnologie et  
signalisation cellulaire

Supervisor: Dr. Guy ZUBER

I was born in Vienna in 1993. After finishing high school I did my Bachelor studies in Chemistry, as well as my Master studies in Biological Chemistry at the University of Vienna. In the course of my Master's thesis project, during which I was working on the semisynthesis of synthetic antibodies, I got a profound education in protein chemistry.

During other modules of my Master's program I gained theoretical and practical work experience in bio-organic and bio-inorganic chemistry, as well as in immunology and cell biology.

The aim of my PhD project is to develop antibody-based conjugates for detecting posttranslational modifications in living cells.

Since post-translational modifications are involved in various cellular pathways and play a crucial role in the response to anticancer drugs, the precise understanding of their function in vivo is crucial. One approach of the project will be the conjugation of antibodies (and smaller derivatives) to gold nanoparticles in order to detect the post-translational modification of interest by electron microscopy. Furthermore, we wish to prepare conjugates with fluorescent dyes to enable the detection by fluorescence microscope.

Marylou HAMM

**COTUTELLE STUDENT**

[marylou.hamm2@etu.unistra.fr](mailto:marylou.hamm2@etu.unistra.fr)

FRENCH



Doctoral school: ED 519 (Humanities and social sciences, european perspectives)

Research unit: SAGE (Sociétés, acteurs, gouvernement en Europe)

Supervisors: Prof. Jay ROWELL (Unistra), Prof. François FORET (Université Libre de Bruxelles)

I am a third-year PhD Candidate and Teaching Assistant at the Free University Brussels (CEVIPOL/IEE), in cotutelle with the University of Strasbourg (SAGE). Before 2015, I studied Political Sciences in Sciences Po Aix for two years, then I studied a year abroad at the LMU (Munich), and finally I did a Master degree in Sciences Po (political sciences) in Strasbourg. I will be in Athens as from February, where I will be conducting my field inquiry and working at the University of Athens as a visiting researcher.

My ongoing PhD thesis focuses on EU experts and expertise of “change management” since the 2010 crisis. This thesis studies relationships between different fields (economic, bureaucratic, expertise) and levels (international, European, national) around the implementation of structural reforms (SRs). I am looking at the implementation of SRs, especially the role of European officials in these processes (part of the *Task force for Greece*). The case study is Greek public administration reforms in the context of adjustment programs (MoU).



Matúš HLAVÁČ

**COTUTELLE STUDENT**

[matus.hlavac@etu.unistra.fr](mailto:matus.hlavac@etu.unistra.fr)

SLOVAK

Doctoral school: ED 222 (Chemistry)

Research unit: Laboratoire de  
stéréochimie

Supervisors: Dr. Gilles Hanquet (Unistra),  
Assoc. Prof. Andrej BOHÁČ (Comenius  
University in Bratislava)



My name is Matúš Hlaváč and I'm from Slovakia. I was born on 10th November 1991 in city Nitra, which is close to the capital Bratislava. I graduated from High School in Nitra in June 2011 and from the Comenius University in Bratislava with a bachelor in Biochemistry in May 2014. I remained at the Comenius University to complete my Master degree in Organic and Bioorganic chemistry in May 2016. In my research group we were interested on Medicinal Chemistry and focused on drug development against cancer and diabetic diseases.

I've been a PhD student since September 2016 and I'm still focused on the development of new potential drug against cancer and diabetic. I spend most of my time in the laboratory, where I prepare designed very active compounds for next biological assays. In September 2017 I became a member of University of Strasbourg, where I study under joint supervision (cotutelle) between this university and my home university in Bratislava.

Anil JOSHI

**COTUTELLE STUDENT**

[anil.joshi@etu.unistra.fr](mailto:anil.joshi@etu.unistra.fr)

NEPALESE

Doctoral school 414 (Health and Life Sciences)

Research unit: INCI (Institut des Neurosciences cellulaires et intégratives)

Supervisors : Dr. Michel BARROT (Unistra),  
Dr. Susanne La Fleur (University of Amsterdam)



I am Anil JOSHI, from Nepal. I am a Neurotime Erasmus+ Student working in collaboration between University of Strasbourg and University of Amsterdam under the project 'Time-dependent evolution of non-motor symptoms in models of Parkinson's disease: characterization and impact of the tVTA'.

I have completed my master degree in Pharmacology from Jamia Hamdard University, New Delhi. During my studies, I worked on an epileptic model in mice. In my PhD I will be working on a newly discovered brain region which has modulatory effects on dopaminergic system in brain.

Hannes KÄCKMEISTER

**DOCTORANT EN COTUTELLE**

[hannes.kackmeister@etu.unistra.fr](mailto:hannes.kackmeister@etu.unistra.fr)

ALLEMAND



Ecole doctorale : 519 (Sciences humaines et sociales – Perspectives Européennes)

Unité de recherche : SAGE (Sociétés, acteurs, gouvernement en Europe)

Directeurs de thèse : Valérie Lozac'h, HDR (Unistra), Prof. Dr. Albert Scherr (Ecole supérieure pédagogique de Freiburg)

Je m'appelle Hannes Käckmeister. Originaire de Lübeck (une ville à proximité de Hambourg en Allemagne), j'ai terminé mes études franco-allemandes en Science Politique l'année dernière à Strasbourg. Dans l'objectif de poursuivre mes recherches dans le cadre d'un doctorat, j'ai eu la chance de pouvoir intégrer l'ED *Sciences humaines et sociales – Perspectives Européennes* et de mettre en place une convention de cotutelle avec l'École Supérieure Pédagogique de Fribourg (Institut de Sociologie).

Dans le cadre de mes recherches, je m'intéresse à la protection de l'enfance sur le territoire Strasbourg-Ortenau. Plus particulièrement, ma thèse porte sur les conditions d'accueil de mineurs non-accompagnés (les enfants réfugiés arrivant seuls sur le territoire national) en France et en Allemagne et les relations administratives de ces derniers avec les autorités publiques (les „street-level bureaucrats“). Sur le plan méthodologique, la démarche combine recherche quantitative et qualitative.

Maho NAKAGAWA

**IDEX STUDENT**

maho.nakagawa@etu.unistra.fr

JAPANESE



Doctoral school: ED 221 (Augustin Cournot)

Research unit : BETA (Bureau d'économie théorique et appliquée)

Supervisor: Dr. Mathieu Lefevre (Unistra)

Maho NAKAGAWA is a PhD student at BETA. Her main research interests are in environmental economics, public economics and experimental economics. She is working on the project PEPSI, "Permanence in Economics, Social Preferences and Social Interactions - Application to environmental issues" which is a joint research project among three institutions (University of Strasbourg, Brandenburg University of Technology, and Helmholtz Centre for Environmental Research).

The project PEPSI investigates the long-term effect of incentive induced by a policy program especially related to biodiversity conservation by means of incorporating both economic and ecological perspectives into the analysis.

Previously, Maho studied economics in Toulouse and Tokyo for her master's and bachelor's degrees. She worked as an intern on water management and mechanism design for an Indivisible Public Bad in Toulouse.



Ionut Dragos ONESCU

**ETUDIANT EN COTUTELLE**

[ionut-dragos.onescu@etu.unistra.fr](mailto:ionut-dragos.onescu@etu.unistra.fr)

ROUMAIN

Ecole doctorale : Droit, Sciences politiques et Histoire

Unité de recherche : CEIE (Centre d'études internationales et européennes)



Directeurs de thèse : Prof. Christian Mestre (Unistra), Prof. Nicolae Paun (Universitatea Babeș-Bolyai)

Dragos Ionut Onescu est doctorant en droit international et relations internationales sous un accord de cotutelle entre l'Université de Strasbourg et l'Université Babeș-Bolyai, Cluj-Napoca, Roumanie.

Le thème de la thèse de doctorat est **La PESCE, instrument au service des ambitions politiques internationales de l'Union Européenne.**

Il a obtenu une licence en relations internationales à l'Université Babeș-Bolyai, Cluj-Napoca, Roumanie et trois programmes de master: un dans des entreprises européennes et des programmes de gestion à l'Université Babeș-Bolyai, le second dans l'administration publique/gouvernance du secteur public économique à l'Université Babeș-Bolyai et le troisième dans l'administration publique - gouvernance du secteur public

économique à l'Université Michigan, États-Unis.

Auteur de nombreuses publications dans des revues et conférences énumérées ISI Thomson Reuters concernant les relations internationales, management et leadership et 2 livres.

Parallèlement à ses activités de recherche, M. Onescu a d'importantes responsabilités administratives comme Directeur Général à ODAS GLOBAL CONSULTING et Président à l'association ODAS.

Il est consultant dans les affaires et la gestion; expert dans le développement et l'évaluation des projets financés par l'UE, et membre de diverses organisations internationales. Il a plus de six ans d'expérience dans les relations internationales, les affaires et le leadership.

Swapneel Amit PATHAK

**IDEX STUDENT**

swapneel-amit.pathak@etu.unistra.fr

INDIAN

Doctoral school: ED 182 ((Physics and Physical Chemistry)

Research unit: IPCMS (Institut de physique et chimie des matériaux de Strasbourg)

Supervisor: Dr. Riccardo Hertel (Unistra)



I graduated from Indian Institute of Technology, Roorkee with Master of Science in Physics in the year 2014. My MSc Thesis was based on calculation of Band Structure in Photonic crystals using FDTD method. Shortly after, I joined IISc, Bangalore with the Mesoscopic Physics group as a project student. My project was related to developing gas sensing using gold nano wires. It is in IISc where I got acquainted with the field of Spintronics and hence joined Spintronics lab at TIFR, Hyderabad soon after.

I got involved in establishing a thin film fabrication and characterization facility housing MBE at the time. Simultaneously, I took great interest in understanding the fundamentals of Magnetism and Magnetic Materials which in turn helped me understand the simulations of such materials. I will be continuing these simulations in my PhD project to understand dynamic properties of nanoskyrmion lattice with atomistic spin model.

Sofia PATSALI

**COTUTELLE STUDENT**

[sofia.patsali2@etu.unistra.fr](mailto:sofia.patsali2@etu.unistra.fr)

GREEK

Doctoral school: ED 221 (Augustin Cournot)

Research unit: BETA ((Bureau d'économie théorique et appliquée)

Supervisors: Prof. Patrick Llerena (Unistra), Prof. Luigi Orsenigo (Istituto Universitario di Studi Superiori di Pavia)



Sofia Patsali is a PhD Candidate in Economics at the Institute of Advanced Studies in Pavia, Italy (IUSS Pavia) under the co-direction of the Bureau of Theoretical and Applied Economics (BETA) at the University of Strasbourg (France). Formerly she graduated from the University of Strasbourg's Master program entitled "Economics and Management of Innovation". Alongside as a master student, she worked for two years on an ANR research project called COCON, which aims at analyzing technology transfer contracts between universities and firms. Her PhD thesis focuses on alternative approaches to assess the economic impact of universities.

More precisely, she studies the role of demand for specialized equipment as a channel through which universities can affect the innovation capabilities of their suppliers and the process of diffusion of technologies.

Her research interests include the analysis of the university-industry relations as well as the evaluation of the economic impact of universities. She is currently working under the supervision of Professor Patrick LLERENA (BETA) and of Professor Luigi Orsenigo (IUSS Pavia) and her thesis project takes place within an ongoing initiative at BETA, namely the ASTRAL (Assessment of Science and Technology Research in Alsace) research project.

Marie-Charlotte QUIN

**DOCTORANTE EN COTUTELLE**

[marie-charlotte.quin@etu.unistra.fr](mailto:marie-charlotte.quin@etu.unistra.fr)

FRANCAISE

Ecole doctorale : ED 520 (Humanités)

Unité de recherche : Configuration  
Littéraire

Directeurs de thèse : Prof. Guy Ducrey  
(Unistra), Prof. François Vallotton  
(Université de Lausanne)



Lectrice assidue et passionnée par l'art, je suis très intéressée par les ressorts de l'interdisciplinarité, par les liens qui existent entre la littérature et les arts. Jusqu'à l'obtention de mon master, j'ai mené deux cursus en parallèle, l'un en Histoire de l'art et le second en Littérature comparée ; cursus qui ont mené à une recherche transdisciplinaire sur les illustrations de l'œuvre de Colette et plus particulièrement dans *Les Cahiers Colette* (1935-1936). L'ensemble, constitué de quatre cahiers, rassemble des inédits de Colette, illustrés par des amis de l'écrivain. A l'origine de ce projet éditorial, son mari, Maurice Goudekot qui est très actif dans la valorisation du patrimoine colettien.

Après avoir enrichi mon expérience au cœur de la production éditoriale contemporaine, aux Éditions Diane de Selliers, à Paris, et dans une librairie strasbourgeoise pendant mes études, je continue aujourd'hui mon travail de recherche sur les illustrations des textes de Colette. L'étude porte sur l'ensemble de l'œuvre illustrée de Colette (190 ouvrages) et tente d'en définir les spécificités esthétiques et éditoriales. J'ai décidé d'orienter mon propos vers le monde de l'édition, ses fonctionnements économiques, et ses réseaux internationaux. Par l'étude des modalités de l'édition illustrée colettienne, je travaille à mettre en valeur un système d'interrelations entre les différents acteurs et ainsi, mieux comprendre les particularités de ce transfert sémiotique vers l'image.



Abdoul-Djawadou SALAOU

**DOCTORANT EN COTUTELLE**

[abdoul-djawadou.salaou@etu.unistra.fr](mailto:abdoul-djawadou.salaou@etu.unistra.fr)

TOGOLAIS

Ecole doctorale : ED 269 (Mathématique, sciences de l'information et de l'ingénieur)

Unité de recherche : ICUBE

Directeurs de thèse : Prof. Pierre Gançarski (Unistra), Prof. Daniela Damian (Université de Victoria)

J'ai toujours été fasciné par les applications et technologies relatives à l'ordinateur, en l'occurrence les jeux vidéo et le développement de logiciels. Pour ma carrière, je me voyais en ingénieur de logiciels. Après l'obtention de mon Bac scientifique à Lomé au Togo, en 2011, je suis admis à l'université de Strasbourg. J'ai fait un parcours en licence informatique suivi d'un master en ingénierie des logiciels et de connaissances. Durant mon master, j'ai pu d'une part développer mes capacités d'ingénierie en logiciels ; et d'autre part nourrir un intérêt considérable pour le domaine de l'intelligence artificielle grâce à mon implication avec l'équipe de Science de données et de connaissances de ICube.



Ingénieur de recherche.

C'est naturellement que j'ai fait la transition du master au doctorat dans le domaine de l'apprentissage machine. Plus précisément, je travaille sur l'apprentissage de métrique pour l'amélioration de clustering des séries temporelles. En télédétection, l'étude des séries temporelles d'images permet d'identifier des changements abrupts dans une région (évolution d'une forêt, développement urbain) ainsi que les localités ayant eu la même évolution.

Mon doctorat est en cotutelle entre l'université de Strasbourg en France et l'université de Victoria au Canada.

Angela SCHIFFHAUER

**DOCTORANTE EN COTUTELLE**

angela.schiffhauer@etu.unistra.fr

ALLEMANDE



Ecole doctorale : ED 519 (Sciences Humaines et Sociales, Perspectives européennes)

Unité de recherche : ARCHE (Arts, civilisation et l'histoire de l'Europe)

Directeur de thèse : Prof. Marc Carel Schurr (Unistra)

Née à Lörrach/Allemagne

**PROJET ACTUEL**

Rédaction d'une thèse de doctorat sur « Les transferts artistiques et technologiques au Moyen Âge : les cathédrales de Strasbourg et de Fribourg-en-Brigau entre 1250 et 1320 » à l'Université de Strasbourg (ED 519 – École doctorale des sciences humaines et sociales. Perspectives européennes), co-tutelle, sous la direction de Prof. Marc Carel Schurr (Strasbourg) et Prof. Hans W. Hubert (Fribourg-en-Brigau)

**PARCOURS UNIVERSITAIRE**

2003 : M.A. en philosophie, histoire de l'art et archéologie classique (Université de Cologne, Allemagne), puis collaboratrice à l'Université de Zürich ; 2009 : Diplôme d'enseignement pour les écoles de maturité (DEEM), en histoire de l'art et en philosophie (Université de Fribourg/Suisse) ; 2012-2017 : assistante de recherche à la Chaire d'histoire de l'art médiéval (Université de Fribourg/Suisse)

**THÈMES DE RECHERCHE**

Cathédrales gothiques ; vitrail médiéval et moderne, pèlerinage médiéval ; art et philosophie du Moyen Âge et du début de l'époque moderne ; l'art à Venise au Moyen Âge

**PUBLICATIONS RECENTES**

Co-Direction du livre « Licht(t)räume » (Petersberg 2016) ; collaboration à la traduction allemande de la correspondance entre René Descartes et Élisabeth de Bohême (Hamburg 2015) ; plusieurs articles sur le vitrail, dont :

- « Architekturrahmungen in Eisen, Stein und Glas. Erzähl- und Standfigurenfenster des 13. Jahrhunderts in französischen Kathedralen », dans U. Bednarz, L. Helten et G. Siebert (éd.), *Im Rahmen bleiben. Glasmalerei in der Architektur des 13. Jahrhunderts*, Berlin: Lukas, 2017, p. 135-160
- « Die Kompositverglasungen im Chor der Kathedrale von Tours. Bischöfe und Kanoniker im Licht », dans K. Georgi, B. v. Orelli-Messerli, E. Scheiwiller, A. Schiffhauer (éd.), *Licht(t)räume. Festschrift für Brigitte Kurmann-Schwarz*, Petersberg : Imhof, 2016, p. 195-207
- « Strategien der Beleuchtung im gotischen Sakralraum. Überlegungen zur Farbigkeit der Glasfenster und zur Funktion von Grisailen », dans D. Mondini et V. Ivanovici (éd.), *Manipulating light in pre-modern times. Architectural, artistic and philosophical aspects*, Mendrisio : Mendrisio Academy Press / SilvanaEditoriale, 2014, p. 252-271

Federico SESTITO

**IDEX PHD STUDENT**

federico.sestito@etu.unistra.fr

ITALIAN

Doctoral school: ED 182 (Physics and  
Physical Chemistry)

Research unit: Observatoire  
astronomique de Strasbourg

Supervisor: Dr. Nicolas Martin



Federico Sestito was born in Pisa (Italy). He achieved the BSc degree in Physics at the University of Pisa and then he continued straight in his studies trying to focus more on Astrophysics and the mysteries of the Universe. During the years of the MSc, he was a visiting student at the Charles University in Prague and at the Observatory in Ondrejov. Then he decided to carry out a thesis on the spectroscopic analysis of a stellar system surrounded by gas and dust. Related to his passion for Science, he explained Physics and Astronomy to the general public in many science outreach events, and he also taught Mathematics and Physics at the University of Pisa in the last two years.

He won the IdEx PhD grant under the tutelage of Dr Nicolas Martin from the Observatoire de Strasbourg and Dr Else Starkenburg from the Astrophysical Institute of Potsdam. This project, in the frame of the Pristine Survey, focuses on the discovery and the study of the first stars formed in the primordial Universe using photometric and spectroscopic techniques.

Diana SIBRIKOVA

**IDEX PHD STUDENT**

[diana.sibrikova@etu.unistra.fr](mailto:diana.sibrikova@etu.unistra.fr)

RUSSIAN

Doctoral school: ED 414 (Health and Life Sciences)

Research unit: GMGM (Génétique Moléculaire Génomique Microbiologie)

Supervisor : Dr. Benoît MASQUIDA

PhD project "Search and characterization of molecular partners involved in RNA mitochondrial import in yeast and human"

***"On est de son enfance comme on est d'un pays"***

*Antoine de Saint-Exupéry*

Hello! My name is Diana Sibrikova and I am glad that I am a PDI student of the new "Einstein cohort" of 2017!

My path to Strasbourg and science is a long and exciting journey.

I grew up in a small Russian town, surrounded by beautiful nature. My father was a biologist and always told me wonderful stories about the living world. Since then my love of biology

began. At school I showed interest in molecular and cellular biology and finally realized that I want to be a scientist! Striving for knowledge led me to the best biology program in my country – Lomonosov Moscow State University. And so begun my scientific path.

During my Bachelor's and Master's studies, I



took a step forward to my dream and got a deep knowledge of the internal organization and metabolism of the cell, regulation of gene expression, inter- and intracellular signalling, with particular regard to cancer and numerous immune cells.

My goal was to study general molecular processes in the cell and so I decided to participate in a fundamental study. The high standard of the research carried out at Strasbourg University prompted me to apply for the PhD program.

France is a great chance for me to finally learn the culture and language of the country. My mother is a teacher of French and told me many stories about the people and their life when I was a child. Thus, to become a part of the big international family of Strasbourg University is a big honor for me and an opportunity to make a new big step towards my dream.



Janina SPONSEL

**COTUTELLE PHD STUDENT**

[j.sponsel@ibmc-cnrs.unistra.fr](mailto:j.sponsel@ibmc-cnrs.unistra.fr)

GERMAN



Doctoral school: ED 414 (Health and Life Sciences)

Research unit: IBMC (Institut de biologie moléculaire et cellulaire)

Supervisor: Dr. Christopher Mueller (Unistra), Jun.-Prof. Winfried Römer (Freiburg University)

I am from Bischofsheim, a small city close to Frankfurt in Germany. Interested in the medical field after finishing high school, I moved to the Netherlands to study Biomedical Sciences at Maastricht University. In 2014, I obtained my Bachelor's degree and enrolled in the international Human and Molecular Biology Master at Saarland University in Saarbrücken, Germany. The program being an international one gave me the opportunity to spend the first year in Germany and second one in France at the University of Strasbourg. There, I focused on immunology and conducted my six-month internship in Christopher Mueller's lab (UPR3572 Immunopathologie et Chimie Thérapeutique) at the Institute of Molecular and Cellular Biology (IBMC). During that time, I studied the effects of RANKL on stromal cells and macrophages in the lymph node.

After my graduation last year, I was given the chance to stay working in the same lab for a joint PhD program with the lab of Winfried Römer (Institute of Biology II and BIOSS Centre for Biological Signaling Studies) at the University of Freiburg, Germany. Since then I am working on my PhD project about the "Deregulation of the cutaneous immune response by the lectins of the *Pseudomonas aeruginosa* bacterium" which combines the expertises of the two labs, immunology and cell biology, respectively.



## Le Collège doctoral Européen

*Programme doctoral international*  
*International doctoral programme*



**Université**

de Strasbourg