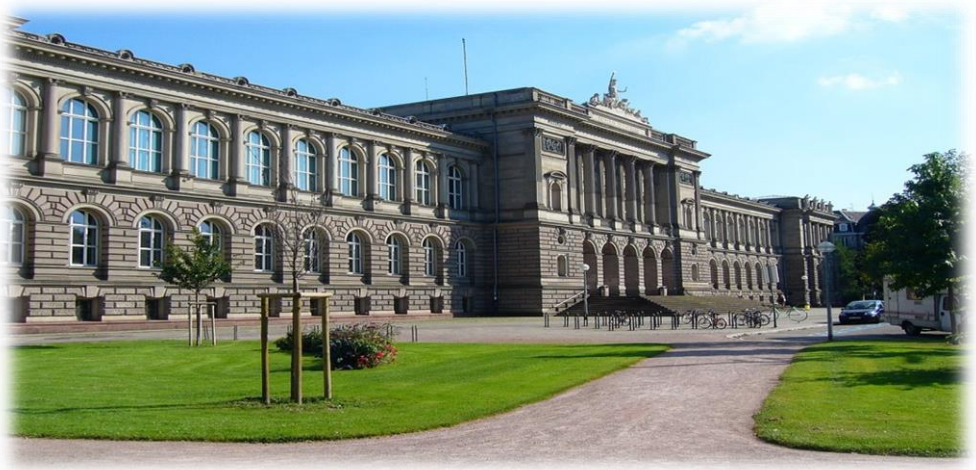
Université de Strasbourg

Programme Doctoral International

Promotion 2018



Programme doctoral international

International doctoral programme

INVESTISSEMENTS D'AVENIR

Nesrine BENAMARA

COTUTELLE STUDENT
ALGERIAN

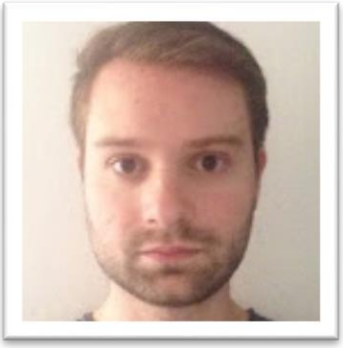
Doctoral school: Ed 182 (Physics and Physical Chemistry)
Research unit: IPCMS (Institut de physique et chimie des matériaux de Strasbourg)

Supervisors: Pierre RABU (Unistra), Fatima SETIFI (Université Ferrhat Abbas-Sétif 1).

Conception de ligands fonctionnalisés pour l'élaboration de réseaux fonctionnels et commutables

Titulaire d'une licence en chimie fondamentale en 2013 de l'université Ferhat Abbas-Setif 1, j'ai effectué, en 2014, un master 1en chimie de l'environnement au sein du même établissement. En 2015 j'ai poursuivi avec un master 2 en chimie analytique à l'université de Strasbourg.
Depuis 2017, je prépare une thèse en cotutelle, dans le cadre du programme de collaboration franco-algérien PROFAS b+,entre l'UFAS sous la direction du Pr. Fatima SETIFI et l'IPCMS sous la direction du Dr. Pierre Rabu.
Ma thèse porte sur la conception de ligands fonctionnalisés devant permettre l'élaboration d'une nouvelle génération de matériaux magnétiques et/ou luminescents. Un effort particulier est porté sur l'obtention de matériaux pouvant présenter des propriétés de transition de spin ou de relaxation lente de l'aimantation puisqu'ils offrent des perspectives intéressantes en termes d'application dans des dispositifs électroniques. Cette thèse est articulée autour de trois phases allant de la conception de ligands organiques fonctionnels à l'élaboration de matériaux fonctionnels en passant par l'étude de leurs propriétés physiques (*i. e.* magnétiques et spectroscopiques).A cet effet, la stratégie qui a été adoptée consiste à utiliser des ligands adaptés à la coordination soit avec de métaux tels que les ions Fe^{2+} ou Co^{+2} pour la conception de composés à transition de spin ou de terres rares tels que les ions Dy^{3+} pour l'élaboration de matériaux présentant des propriétés de relaxation lente de l'aimantati

Florent BORDOT



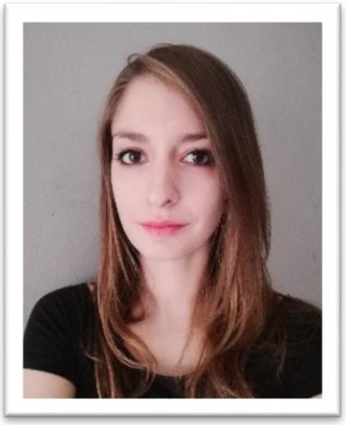
COTUTELLE STUDENT
FRENCH

Doctoral school: ED 221 (Economics)
Research Unit: BETA (Bureau d'Economie Théorique et Appliquée)

Supervisors: Patrick LLERENA (Unistra), Andrea MINA (Scuola superiore Sant' Anna)

Je suis actuellement doctorant en 2ème à la Scuola Superiore Sant'Anna de Pise. Après une licence en économie-gestion à l'Université de Nantes puis un Master en économie de l'innovation obtenu à l'Université de Strasbourg, je suis parti en Italie pour réaliser une thèse en économie portant sur le chômage technologique. L'objectif est de mesurer l'impact des nouvelles technologies sur l'emploi et les inégalités afin de délivrer des recommandations en termes de politiques économiques. Mes autres intérêts portent sur les théories post-keynésiennes et évolutionnistes, les simulations multi-agents, l'économie comportementale et l'étude des motivations intrinsèques.

Rosanna CAPUTO



IDEX STUDENT
ITALIAN

Doctoral school: ED 414 (Health and Life Sciences)
Research Unit: INCI (Institut des Neurosciences Cellulaires et Intégratives)

Supervisor: Sylvie RAISON

– PhD in Neuroscience

My name is Rosanna Caputo and I'm starting my PhD in Neurosciences. My thesis project is in joint supervision between Prof Sylvie Raison, *Institut des Neurosciences Cellulaires et Intégratives*, University of Strasbourg and Prof Johanna Meijer, Department of Neurophysiology, University of Leiden. My project will investigate the circadian system in nocturnal/diurnal rodents and the role of the arousal system.

I started my scientific studies in Milan, Italy, where I obtained my bachelor's degree in Medical Biotechnology with an experimental thesis conducted at Leiden University Medical Centre, The Netherlands (Erasmus + Program), on the seasonal rhythms of brown fat activity in mice. I obtained my master's degree in Biomedical Sciences at Leiden University. During my Master's I did three internships: 1. In Dr J. Meyer's lab, at Leiden University, I investigated the role of seasonal rhythms on the multi-unit activity of dopaminergic structures in mice; 2. in Dr V. Bollati's lab, at Milan University, I worked on the epigenetic modifications in clock genes in overweight subjects; 3. In Dr F. Scheer's lab, at Harvard Medical School in Boston, I investigated the effect of misalignment on metabolic parameters in chronic shift workers.

During my PhD I will investigate the role of the arousal system in influencing the circadian system in the nocturnal rat and in the diurnal grass rat Arvicathis. In these two animal models the master clock (the Superchiasmatic Nucleus-SCN) is active at the same astronomical time, while their biological functions are in opposite phases. Therefore, I will explore potential differences in the rhythm of serotonin synthesis, I will identify the SCN output signals responsible for the serotonin synthesis. In addition, we will evaluate the synchronizing effects of serotonin on SCN electrophysiology

Agnideep DAS

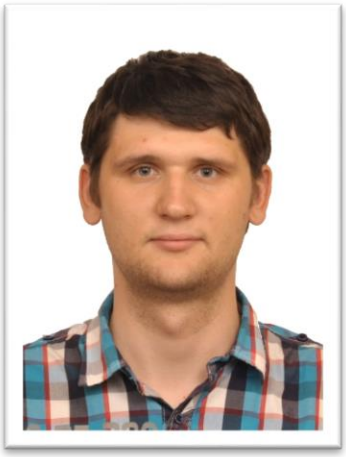
IDEX STUDENT
INDIAN

Doctoral School: ED 222 (Chemistry)
Research unit: Institut de Chimie

Supervisor: Marine DESAGE-EL MURR

Myself Agnideep Das, born on 15th Aug. 1995 at Suri, West Bengal, India. I passed B.Sc. (Hons.) in Chemistry on July 2016 from Visva-Bharati University, Santiniketan, India, where I received DST INSPIRE Fellowship. I move forwarded to Indian Institute of Technology Indore, where I did my M.Sc. in Chemistry and completed the degree on July 2018. During my master's program at IIT Indore I worked under Dr. Amrendra K. Singh on functionalized triazole based pincer NHC ligands and their complexation. With DST INSPIRE summer internship fellowship I worked under Dr. Abhishek Dey, at Indian Association for the Cultivation of Science, Jadavpur, India on synthesis route to different meso-patterned metallo-porphyrins. Currently, I am working on electronic engineering of redox catalytic (nano)structures with team OMECA under Prof. Marine DESAGE-EL MURR. I get nominated by jury board of University of Strasbourg for IdEx Ph.D. student.

Fedir DEMYDIUK



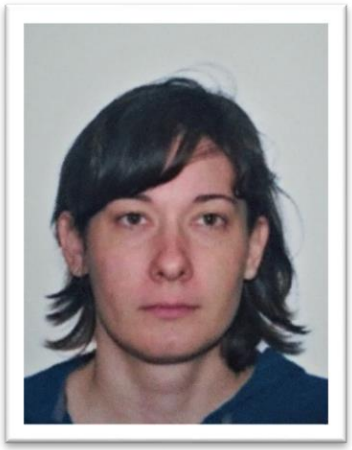
IDEX STUDENT
UKRAINIAN

Doctoral school: ED 182 (Physics and Physical Chemistry)
Research unit: ICS (Institut Charles Sadron)

Supervisor: Hendrik MEYER

I was born in a small town called "Varash" in Ukraine. This is a maintenance town for the nuclear power plant, so the amount of people interested in physics is quite high there :). But I did not want to dedicate myself to a nuclear physics, so as an area of interest I chose soft matter and obtained a bachelor degree at the Molecular Physics Department of Taras Shevchenko National University of Kyiv. Then for my master programme I went international. According to a double-diploma programme I took a great opportunity to spend a second year of the master in Strasbourg following the Condensed Matter and Nanophysics master programme at University of Strasbourg. And since I was interested in computer simulations, this is when I began my path with the team "Theory and Simulation of Polymers" at Institut Charles Sadron initially with a small TPMN project (which was an optional course within the master programme for practice in numerical modelling) and continued with an internship on self-assembled transient elastic networks. And now I continue my work on simulations of polymers as a PhD student and a proud member of an International Doctoral Programme focusing on figuring out the physical reasons that determine the interfacial mobility of glass-forming polymer films.

Tracey HAMMER



IDEX STUDENT
CANADIAN

Doctoral School: ED 414 (Health and Life Sciences)

Research unit: IPHC (Institut pluridisciplinaire Hubert Curien)

Supervisor: Jean-Patrice ROBIN

Tracey Hammer was born and raised She defended her Master's successfully on October 1st, 2018, and moved to Strasbourg to start her PhD shortly after. Her PhD project will be on the effect of stress on individual quality and fitness in King penguins." on a farm in a small town in Alberta, Canada. She completed a Bachelor's in Zoology and Ecology at the University of Calgary. After teaching English in Japan for a year, she returned to the University of Calgary to complete a Master's degree in Ecology.

During her Master's she continued studying Columbian ground squirrels, a project that she first started working on in her undergrad and continued to help with for six years.

Her Master's project looked at risk factors influencing parasite abundance within and between litters. She defended her Master's successfully on October 1st, 2018, and moved to Strasbourg to start her PhD shortly after. Her PhD project will be on the effect of stress on individual quality and fitness in King penguins."

Ursula HOUNGUE

COTUTELLE STUDENT

BENINOIS

Doctoral school: ED 414 (Health and Life Sciences)

Research unit : INSERM 1260 : Nanomédecine régénérative

Supervisors : Prof Valérie SCHINI-KERTH (Unistra), Prof Fernand GBAGUIDI (Université d'Abomey-Calavi)

Passionnée de recherches scientifiques et dans la perspective d'avoir toutes les ressources intellectuelles nécessaires pour plus tard apporter une plus-value à la médecine traditionnelle de mon pays, je me suis inscrite après mon baccalauréat à la Faculté des Sciences et Techniques de l'Université d'Abomey-Calavi où j'ai obtenu ma Licence et mon Master en Biochimie Biologie Moléculaire et Applications.

Ma soif d'atteindre l'objectif ci-haut énuméré a rendu facile la transition du Master au Doctorat. Suite à certaines collaborations existant entre l'équipe du Prof. Valérie Schini-Kerth et le Laboratoire de Chimie Pharmaceutique et Organique dirigé par le Prof. Fernand Gbaguidi, j'ai effectué un stage de recherches courant Septembre - Décembre 2016. L'objectif de ce stage était d'étudier différents extraits de plantes du Bénin, supposées anti-hypertensives et utilisées dans la pharmacopée traditionnelle, sur un modèle d'anneaux d'artères pourvus et dépourvus d'endothélium. Ce stage a débouché sur un projet de thèse qui vise à caractériser de nouvelles molécules vasorelaxantes naturelles à partir de certaines plantes de la pharmacopée béninoise. Ma thèse s'effectue en cotutelle entre l'Université de Strasbourg (France) et l'Université d'Abomey-Calavi (Bénin).

Francisco Javier IVÁÑEZ CASTELLANO

IDEX STUDENT

SPANISH

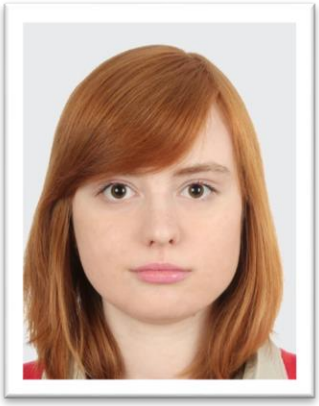
Doctoral school : ED 222 (Chemistry)

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

Supervisor : Nicolas KELLER

My name is Francisco Javier Iváñez Castellano, but everybody calls me Javi. I am a Ph.D. student at the "Institut de Chimie et procédés pour l'énergie, l'environnement et la santé (ICPEES)" at the University of Strasbourg. I was born in Alicante, Spain, in July 1995. I practically lived there all my life, where I did a Chemistry Degree, but in 2017 I moved to Madrid to do my Master Degree. My hobbies are mainly music and photography, but now I am focused on my Ph.D. Thesis.

My principal objective is the design and preparation of a new reactor, in which I could insert a new material which could transform industries waste components in hydrogen, combining solar light and temperature. I think my internship at Strasbourg is one of the most important parts of my career. This experience could provide me of an international environment in one of the best universities and cities to be.



Mariia KARDASH

COTUTELLE STUDENT

RUSSIAN

Doctoral school: ED 222 (Chemistry)

Research unit: Institut de Chimie

Supervisors: Burkhard BECHINGER (Unistra) and Sergei DZUBA (Novosibirsk State University)

Education: Novosibirsk State University, Department of Physics, Bachelor's degree in Physics (2010-2014). Diploma work: "Application of pulsed EPR for study of lipid-cholesterol rafts in membranes". Supervisor: Nicolay P. Isaev.

Novosibirsk State University, Department of Physics, Master's degree in Physics (2014-2016). Research thesis: "Structural heterogeneity of model cholesterol-containing biological membranes by spin-label EPR". Supervisor: Sergei A. Dzuba

Present position: PhD student under joint supervision

at Novosibirsk State University, Department of Physics (2016-2020). Supervisor: Sergei A. Dzuba;

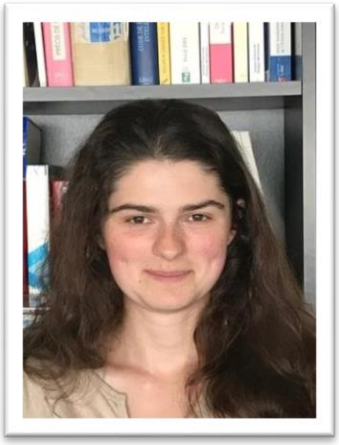
and at the University of Strasbourg, Doctoral school of chemical science (2017-2020). Supervisor: Burkhard Bechinger.

Research thesis: "Synergistic activity of the antimicrobial peptides magainin 2 and PGLa using magnetic resonance and other biophysical approaches".

Research experience: Bruker ELEXSYS E580 X-band EPR spectrometer, EPR techniques: CW EPR, ESEEM, PELDOR; Bruker Avance 300 wide-bore NMR spectrometer, NMR techniques: MAS solid-state 31P-NMR, sample preparation of lipid bilayers, synthesis of spin-labeled peptides.

I was born in a small town in Russia and never thought I will become a scientist. But it was so exciting to learn more and more about the nature laws and mysteries! Besides, I was impressed so much by stories about great scientists, who bring a lot of new knowledge and devices in our world, that I became to want to go by the same path. So, I entered to Novosibirsk University, faculty of Physics, which gave me a very good theoretical base. Besides the Physics, I always liked the Biology, so I have decided to unite them in my job. That is why I investigate biological objects, lipid membranes, by physical methods, that require physical background. I hope, these investigations will help somewhen to understand mechanisms of working of biological membranes and to heal the diseases that now is difficult to heal. Now, I continue my research in the University of Strasbourg as a PhD student, and it is great opportunity to study new techniques and meet new people, visit new places. The scientist must get the experience during all the life!

Sophie KRAEMER



COTUTELLE STUDENT

FRENCH

Doctoral school: ED 101 (Legal Sciences)

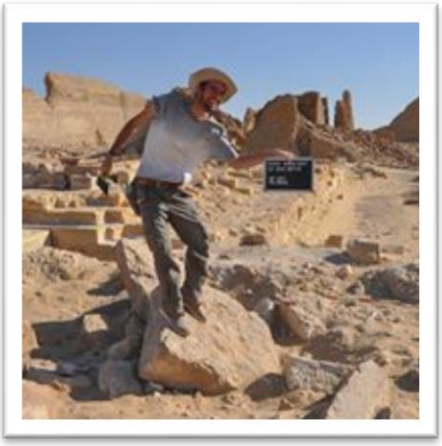
Research unit: Centre de droit privé fondamental

Supervisors: Jocelyne LEBLOIS-HAPPE (Unistra), Helmut SATZGER (LMU München)

Née en Alsace, mon intérêt pour l'Allemagne s'est éveillé dès le début de mon parcours scolaire. Suite à de nombreuses années d'apprentissage de la langue allemande, j'ai choisi d'intégrer une section Abibac puis, après l'obtention des Baccalauréats français et allemand, j'ai intégré la Faculté de droit de Strasbourg. Après avoir effectué un Master 1 en droit privé, j'ai eu l'opportunité d'intégrer le Master 2 Droit pénal et sciences criminelles, parcours droit pénal fondamental et comparé de l'Université de Strasbourg. Ce choix s'est tout naturellement imposé car l'enseignement proposé comportait du droit pénal allemand et de la procédure pénale allemande.

Intriguée par le domaine de la recherche, j'ai rédigé un mémoire de recherche comparatif franco-allemand puis j'ai débuté ma thèse intitulée « la prescription de l'action publique comme outil de politique criminelle en droit comparé franco-allemand ; approche historique et contemporaine » sous la direction de Madame le Professeur Jocelyne Leblois-Happe (Université de Strasbourg) et Monsieur le Professeur Helmut Satzger (Université Ludwig-Maximilian de Munich). Mon travail de recherche a pour ambition de situer la prescription de l'action publique au sein des instruments de politique criminelle et tentera de mettre en évidence les aspects cohérents des droits de la prescription de l'action publique en France et en Allemagne. Cette thèse tâchera de proposer des points de réflexion qui pourront mener à des propositions de réforme du droit en la matière.

Filippo MI



IDEX STUDENT

ITALIAN

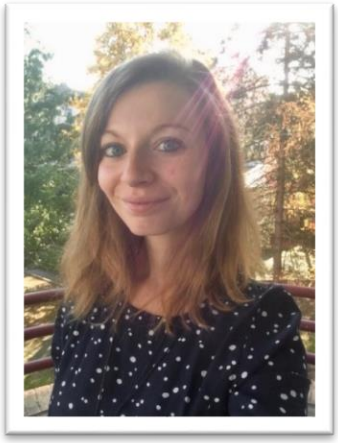
Doctoral school : 519 (Human and social Sciences)
Research unit: ARCHIMEDE (Archéologie et histoire ancienne : Méditerranée – Europe)

Supervisor : Frédéric COLIN

Né à Calimera (une petite ville grec-italienne de province au sud de Lecce), Filippo a développé tout de suite dès les premières années sa vie un intérêt pour l'archéologie et l'égyptologie, un intérêt qui le poussera même à construire une chambre funéraire dans la cave de sa maison. Après avoir suivi des études classiques au lycée, Filippo a poursuivi ses études en Patrimoine Archéologique à l'université de sa ville, ce qui lui a donné la possibilité de participer à ses premières fouilles en Turquie en 2014 près du site de Hierapolis. Filippo a commencé son activité archéologique en Egypte la même année, au tendre âge de 20 ans. Les fouilles seront pour lui tellement intéressantes qu'il écrira son mémoire de licence sur une étude métrologique du temple du site près d'où il travaille.

La décision de poursuivre ses études à l'étranger, supportée par sa famille et son directeur de mémoire, a été un bon choix, même si le commencement effectif de ses études fut retardé de six moins pour raisons linguistiques. Auprès de l'université de Leyde, aux Pays-Bas, Filippo s'est familiarisé avec les hiéroglyphes et ses stades linguistiques, mais son focus principal a toujours été l'archéologie et l'architecture. Pour ses mémoires de Master il a étudié un groupement de maquettes architecturales de maisons («maisons d'âmes») du Rijksmuseum de Leyde. Enfin, après avoir étudié les temples et les maisons, est venu le moment de se focaliser sur l'architecture funéraire monumentale. Quel meilleur endroit que l'Université de Strasbourg, qui a l'honneur d'organiser un projet de fouilles dans le Grab-Palast de Padiamenope (TT33) à Louxor pour poursuivre ses recherches. Filippo participera à la mission en tant qu'archéologue, mettant à l'épreuve sa peur des chauves-souris et du français.

Anaïs NAGEL



COTUTELLE STUDENT

FRENCH

Doctoral school : ED 519 (Sciences Humaines et Sociales – Perspectives européennes)

Research unit : EA 3400 ARCHE (Arts, civilisation et histoire de l'Europe)

Supervisors : Prof. Isabelle LABOULAIS (Unistra)

Prof. Hans-Jürgen LÜSEBRINK (Universität des Saarlandes)

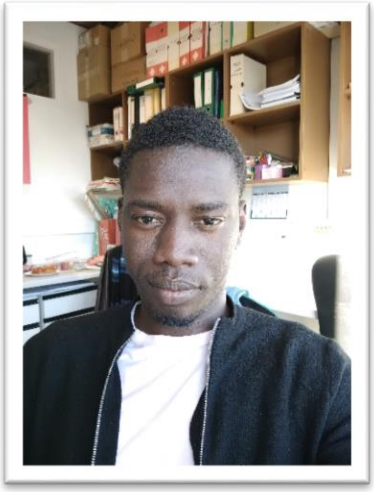
As far as I can remember, I've always been fascinated by history. Born in an Alsatian family, I grew up listening to the stories told by my grand-parents, who saw the horror of the Second World War, and to the memories of my grand-father about what he lived during the Algerian War.

After High school, I obviously choose to study History at the University of Strasbourg, where I obtained a Licence in 2013 and a Master History and Civilization of occidental Europe in 2015. During the two years of Master, I analysed the *Courrier de Strasbourg*, a bilingual (both French and German) periodical published during the French Revolution (1790-1793). The analysis of this newspaper was so interesting and inspiring that I choose to continue my research. Thanks to both of my supervisors Prof. Isabelle Laboulais and Prof. Hans-Jürgen Lüsebrink, my dream to start a PhD and to analyse the relations between France and the German states through the periodical press during the exciting period called "Sattelzeit" by Reinhart Koselleck came true in 2017.

To focus on the period including the end of the Monarchy, the French Revolution and the Napoleonic Empire enables to distinguish the evolutions and mutation of societies submitted to the successive politics conducted by these three different regimes. Moreover, to focus the study on the Upper Rhine press case implies thinking about exchanges and transfers that contributed to an acculturation and hybridization phenomenon of both the individual and collective cultural politics, as well as self-empowering forms, linked to the national and regional identities, are pregnant in the cultural area, going from Mainz to Basel.

Meanwhile, I had the chance to participate to several workshops during which I could meet some of the most famous historians and to publish articles in scientific publications. Now, I'm thrilled to become a member of the International Doctoral Program and I'm looking forward for the possibilities this program will offer to all of us.

Simon NDECKY



IDEX STUDENT
SENEGALESE

Doctoral School: ED 414 5Health and life Sciences)

Research unit: IBMP (Institut de Biologie moléculaire des plantes)

Supervisor : Thierry HEITZ

My name is Simon NDECKY and I am one of the new students from the International Idex PhD Program. I am from Senegal where I did most part of my studies. In Senegal, I studied at the University "Cheikh Anta Diop" of Dakar. There, I was learning "Natural Sciences" and in 2014, I obtained the Bachelor in this topic. To be more specialized in Biology, I joined the University of "Le Havre", here in France, for their Bachelor in "Molecular and Cellular Biology". I obtained this Bachelor degree in 2016 then, I came to Strasbourg to join the Master in plant biology due to its excellent reputation. As part of this Master, I did an internship at IBMP on a molecular biology topic. During this internship, I really took pleasure in the different research activities that I was proposed. Thus, I decided to continue in PhD to develop my skills.

From now, I will work these three next years with Dr T. Heitz at IBMP (Strasbourg), Dr M. Riemann at KIT (Karlsruhe, Germany) and Dr A. Champion in IRD (Montpellier) on a research project about the implication of jasmonate hormones in rice adaptation. In this project, we will develop genomic and biochemical methods to determine how these hormones affect tolerance to stresses like drought or salinity in rice plants.

Mihailo OBRENOVIC

COTUTELLE STUDENT

SERBIAN

Doctoral school: 269 (Engineering)

Research unit: ICUBE (Laboratoire de Sciences de l'ingénieur, de l'informatique et de l'imagerie)

Supervisors : Pierre GANÇARSKI (Unistra) and Milos IVANOVIC (University of Kragujevac)

Born and grew up in the city of Kragujevac, Serbia. Obtained bachelor and master's degree in the field of informatics at the Faculty of Science, University of Kragujevac. Now attending co-tutelle doctoral studies of informatics organized between Unversity of Strasbourg and University of Kragujevac. Holder of the scholarship of the French government for funding co-tutelle doctoral studies at one French and one Serbian university. While in Serbia, working as a Teaching Assistant at the Faculty of Science, University of Kragujevac. While in Strasbourg, doing research as part of SDC team at ICube laboratory under supervision of Prof. Pierre Gançarski and Dr. Thomas Lampert.

Interested in the area of machine learning, specificaly in applications of deep neural networks in computer vision. Performing research about unsupervised learning methods for feature extraction. Using deep autoencoder networks, domain adaptation methods, and statistical measures to create models invariant to different data domains. Developing general methods aplicable in different fields with the focus on remote sensing images with different sensing conditions and on medical images – different stainings of kidney tissues.

Ryshtee Mary TANNOO

COTUTELLE STUDENT

MAURITIAN

Doctoral school: ED 414 (Health and Life Sciences)

Research unit: Biophotonique et Pharmacologie

Supervisors: Yves MELY (Unistra), Véronique ORIAN-ROUSSEAU (Karlsruhe Institute of Technology)

I am from Mauritius, a tiny island found in the Indian Ocean. My passion for science and for adventure made me travel to France, after high school, to pursue higher education in biology. I moved to Strasbourg where I completed my bachelor's degree in cell biology and physiology. Thereafter, I pursued a consecutive master degree in molecular and cellular biology, majoring in immunology and inflammation.
Since my goal is to make career in science, my next step was to get enrolled in a PhD program.

I embarked on a joint doctorate in cell biology and biophysics in November 2017, which is supervised by Prof. Yves Mély from the University of Strasbourg and Prof. Véronique Orian-Rousseau from Karlsruhe Institute of Technology. My doctoral studies are funded by an agreement on international cooperation actions in partnership with the Franco-German University.

During my studies, I performed several mandatory and voluntary internships, where I met people of different origins and cultures, with one goal: contribute to science.
Being a member of the International Doctoral Programme will give me the opportunity to get in touch with other international PhD candidates from different scientific disciplines. I thinkthat our exchanges will be very valuable and I aim to get the most out of the other students' experiences.

Jelica VASILJEVIC

COTUTELLE STUDENT
SERBIAN

Doctoral school: 269 (Engineering)

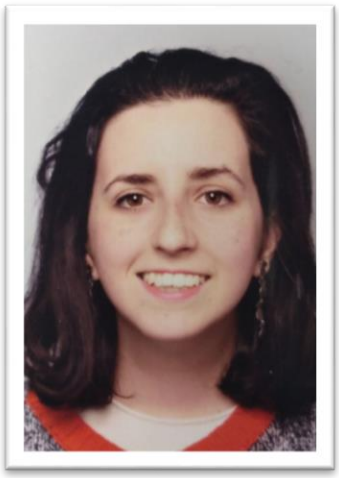
Research unit: ICUBE (Laboratoire de Sciences de l'ingénieur, de l'informatique et de l'imagerie)

Supervisors : Cédric WEMMERT (Unistra) and Stanković SRĐAN (University of Belgrade)

Born in Sarajevo, Bosnia and Herzegovina grew in Kragujevac, Serbia. Obtained bachelor and masters's degree in computer science at the Faculty of Science, University of Kragujevac. Now attending second year of co-tutelle PhD studies of computer science at University of Belgrade, Serbia and University of Strasbourg, France. Holder of the French government scholarship for realization of the co-tutelle. In Serbia, working as a Teaching Assistant at the Faculty of Science, University of Kragujevac. In Strasbourg, doing research in SDC team, ICube laboratory under supervision of Prof. Cedric Wemmert and Dr. Thomas Lampert.

Fields of interest are machine learning and computer vision, especially application of deep neural networks. Performing research in field of domain adaptation, generalization problem in deep neural networks and transfer learning. Currently working on domain adaptation methods applied to medical images. Future direction is application of developed methods on different and non-related data in order to prove generalization (remote sensing data).

Alessia VIRZI'



IDEX STUDENT

ITALIAN

Doctoral school: ED 414 (Health and Life Sciences)

Research unit: Inserm UMR_S1110 (Interactions virus-hôte et maladies hépatiques)

Supervisor: Dr. Joachim Lupberger

Alessia Virzi' is a PhD student at University of Strasbourg, in the field of life science. After working as *Ingénieur d'etude* at Inserm UMR_S1100 for seven months, she decided to be integrated into the international PhD program of IdEx initiative. Alessia Virzi' started her PhD project under the supervision of Dr. Joachim Lupberger, in October 2018. The project is focused on the identification of HCV-induced signaling pathways relevant for the development and immune-recognition of hepatocellular carcinoma (*Virzi', Suarez, Lupberger, Baumert; Viruses, 2018).*

Alessia Virzi' obtained her master's degree in Pharmaceutical Chemistry and Technology at University of Palermo, in March 2017. She passed her master's dissertation with distinction (110/110 *cum laude*), for the development and validation of novel computational algorithms for target discovery *(Tutone, Virzi', et al., Journal of Theoretical Biology, 2018).*

Alessia Virzi' has been part of Erasmus+ program. She worked on drug-target identification and molecular modeling pursuing an Internship at *Inte:ligand*, computer science software and algorithm group, located in Vienna. She developed novel and selective pharmacophore models for adenosine 2A (A2A) receptors, under the supervision of Prof. Bryant (CEO of the company), in order to limit collateral effects of the current drugs targeting adenosine receptors *(Virzi', Bryant, Poster session RICT conference, 2018, Strasbourg*).

Direction
de la **recherche**
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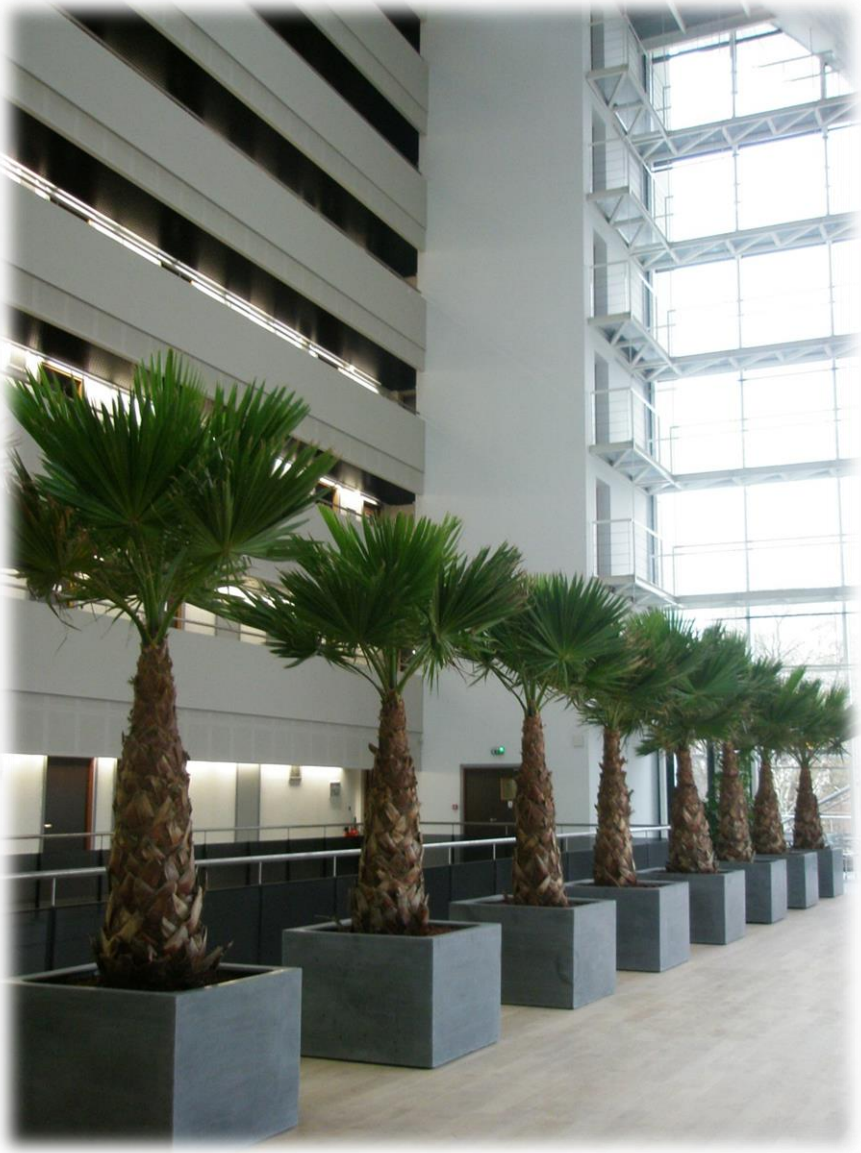

Le Collège doctoral Européen