

# University of Luxembourg

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## Highlights 2022



UNIVERSITÉ DU  
LUXEMBOURG



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April 2023





Prof. Jens Kreisel

## Rector's message

Our University opened a new chapter in 2022. For the first time, the University no longer emphasises particular disciplines but focusses on interdisciplinary challenges that address important issues facing humanity today: health and medicine; sustainable and societal development; and the digital transformation. This strategy will be implemented through our new four-year plan, which also started in 2022.

The past year was also a year of transition at the helm of the University, which went smoothly thanks to the excellent support by my predecessor Stéphane Pallage. Moreover, we prepared the further enhancement of our service to society, by strengthening our teaching offer in educational sciences and launching nursing sciences. This represents a significant expansion of our courses offered, starting this autumn.

The achievements of our researchers in 2022 also give us every reason to be proud. One fifth of our EU research proposals were accepted, a total of 21.4 million euros from the Horizon Europe programme were raised and two new ERC grants secured, bringing the University's total number of ERC grant holders to 14.

The new year has brought further challenges. The world is experiencing an economic crisis. Our University is well prepared thanks to its many talents and a thorough financial planning. We will maintain our bold ambition for our University and face the year in cooperation and confidence.

In 2023, the University of Luxembourg will celebrate its 20<sup>th</sup> anniversary, and we have many reasons to celebrate. After only two decades, our institution is already internationally recognised and an important strategic instrument for Luxembourg. Around half of our graduates remain in the country, providing the economy and society with their expertise. At the same time, more and more businesses, public administrations and society use our findings and knowledge.

You can discover the University's highlights and milestones in research, teaching and service to society during the past year in this annual report.

**Bonne lecture!**

**Jens Kreisel**





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# The University of Luxembourg – a breath of fresh air for the country

*Professor Kreisel, you have assumed the rectorship of the University after two years of a pandemic and amidst numerous crises occurring around the world. What is the biggest challenge you will have to tackle immediately?*

First, I should note that the University navigated/managed the corona pandemic comparatively well by maintaining lectures, research, and outreach, to the best of our ability. Furthermore, we demonstrated our valuable contribution to Luxembourg by offering multidisciplinary expertise, ranging from biomedicine and psychology to logistics, and advising policymakers on effective strategies to combat the virus and minimise harm.

Despite navigating a challenging three years, the University successfully completed its strategic planning. Our top priority now is its implementation, which is key to shaping the future.

*What's at the core of the strategy?*

Excellence and interdisciplinarity. Our previous academic work focused on individual disciplines, which was necessary in the University's formative years. However, to address the pressing issues at hand, it is crucial that we now extend and leverage our disciplinary excellence through increased interdisciplinarity and collaboration. All members of the university community have a vital role to play.

*Interdisciplinarity seems to be a popular term, but, for many, it's just that – all talk. How can it be made a reality at the University of Luxembourg?*

The most effective approach is through concrete projects that engage multiple fields. Our University is



Prof. Jens Kreisel

well equipped to support these efforts through its Institute for Advanced Studies (IAS), which provides significant funding for high-risk, interdisciplinary initiatives that bring together researchers with diverse scientific perspectives. To be eligible for IAS funding, a truly interdisciplinary approach is a requirement. The IAS complements existing important initiatives in the faculties and interdisciplinary centres.

An additional catalyst will be the establishment of the Interdisciplinary Centre (IC) for Environmental Systems. This will serve as a hub for cutting-edge interdisciplinary research, from basic principles to practical applications. We are currently defining its scope and searching for an appropriate leader to guide its research efforts.

*What would you definitely like to have achieved in your first year in office, Professor Kreisel?*

It is important that we navigate through the current crises unharmed – including financially. Healthy finances are a prerequisite for continuing our excellence and for keeping an important ambition, also in the interest of Luxembourg.

I aim to ensure that the University's strategy is translated into tangible and enduring initiatives, such as the above-cited IC, the creation of a Centre for Digital Ethics, and other structuring projects, as well as new initiatives in higher-education such as medicine, nursing, education, and innovative digital learning formats. It is crucial that we move forward with these and other recently launched projects.

Also, there will soon be a generational change in several positions of research and administration. It is important that we recruit individuals who can keep up the excellent work of the past years and bring fresh perspectives to guide our future direction.

My goal for the rectorate is to work in close partnership with the deans and directors of the centres, and administration. Building this team is one of my priorities during my inaugural year in office.

*The University has declared three focus areas for the immediate future: Digital Transformation, Medicine and Health, and Sustainable and Social Development. What tangible projects will there be to address these topics?*

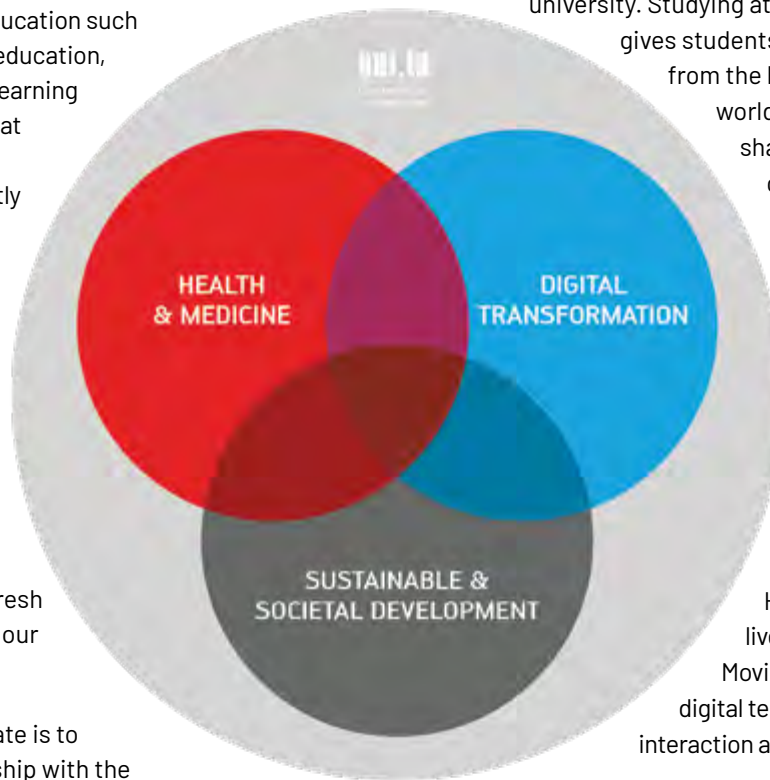
Our four-year plan outlines specific projects in the areas of Digital Transformation, and Medicine and Health, such as the National Centres of Excellence in Research (NCER) FinTech and Clinnova, and various teaching initiatives. In the area of Sustainable and Social Development, things are just getting underway – keyword 'new interdisciplinary centre'. I place great importance on the University's own journey towards sustainability, which requires a

cultural shift and a dedicated strategy beyond existing strengths. I am committed to personally driving this change, with a strong emphasis on involving the wider university community and especially the student voice.

*The University presents itself as a research university. What does that mean for lecturers and students?*

Providing young people with the best possible education and preparing them for careers in business, government and non-government organisations or academic institutions is central to our mission as a research university. Studying at the cutting edge of research gives students the opportunity to learn from the best in their field – from world-class researchers who share their current knowledge, culture, curiosity, and critical thinking in the lecture hall.

At the same time, universities across the globe are facing – and will increasingly face – major challenges in their teaching methodologies. During the pandemic, we successfully adapted by offering digital alternatives for our lectures. However, effective teaching lives from in-person interaction. Moving forward, we aim to utilise digital technologies that prioritise more interaction and flexibility.



The University's three focus areas

Studying at the cutting edge of research gives students the opportunity to learn from the best in their field.



To achieve this, we will seek input from our students, who, as digital natives, often know very well what it takes to create a cyberspace solution that is truly usable. ►



*The University will be celebrating its 20<sup>th</sup> anniversary in autumn 2023. What will you be celebrating?*

For one thing, the University of Luxembourg has developed outstandingly. I don't know of any other university in the world that got to such a high level in such a short time.

The University of Luxembourg has experienced tremendous growth and has achieved excellence in a short period of time. In addition to the quality of our staff and students, this is due to factors such as strong support from the government and citizens, a multicultural environment, and excellent funding for research. This attracts top talent, leading for instance to an above-average number of European Research Council (ERC) grants and partnerships with industry. The University contributes to the country

I don't know of any other university in the world that achieved such a high level of excellence in such a short time.



through its research and innovation, and by providing education to talents from around the world, with many graduates choosing to stay in Luxembourg after their studies. This helps the country stay competitive and benefit from the fresh ideas and perspectives brought by the well-educated young professionals.

We can be proud of our University. And the University of Luxembourg can be a source of pride for the country. It is a driving force behind the thriving research and innovation ecosystem in Luxembourg. The University also conducts research on important topics like Luxembourg's history, various dimensions of inequality, or democracy, all stimulating the necessary societal discourse.

Finally, the University attracts talent and promotes people's qualifications. For example, we currently have over 1,000 doctoral students, of whom 10 per cent are from Luxembourg and 90 per cent from all over the world. 40 to 50 per cent of all graduates stay in the country after graduating. These well-educated young people make Luxembourg even more competitive. And, with their ideas, they bring a breath of fresh air to the country. ■





# Keep the dream alive! ” ”

Rector Stéphane Pallage's mandate ended on 31 December 2022.

Read here an excerpt from his farewell speech to the University staff.

## Dear members of the University community,

You gave me a very warm welcome in January 2018. I remember shaking hands with all of you and I instantly felt at home. Thank you for your kindness, which has accompanied me every day of these five years.

We have been through challenges and trials together. We have built resilience and confidence together. Together we have built dreams for the next two decades in our strategic framework.

I tend to repeat that it is important to dream. Without a dream, there is no journey. Without a dream, we repeat what we do, without excitement or hope. Without a dream, we never change the world.

The years have gone by very quickly, but when you look back at all the things we've done together, it feels like ten years, not five, that we've been working together. We have grown by more than thirty per cent in terms of staff. We are today one of the largest employers in Luxembourg. We have signed not one, but two collective bargaining agreements, a first for the University. We have adopted very important policies: a code of conduct, a multilingualism policy, a gender equality policy.

We have achieved record levels of internal and external funding. Including medicine and nursing, our public endowment is now 45% higher than in 2017. These increases and the reserves we have built up over the two years of the pandemic imply that we can look forward to the years ahead with confidence. We are one of the few universities in the world that does not have to cut spending to manage inflation.

We are ranked rather well in several international rankings. Within the bracket 200-250 in the Times Higher



Prof. Stéphane Pallage

Education ranking, 25<sup>th</sup> among the universities younger than 50, 4<sup>th</sup> among the millenials. Most rankings, however, put weight on the past, a past which we do not have.

There is one ranking that focuses solely on the present: the Leiden Ranking. What is the quality of a University today? If we look at the last few years and if we measure quality to the proportion of articles we publish that are among the 1% most cited in their field, we are ranked number 54 in the world. We can be proud of ourselves. We can be proud of our University.

As captain of our ship, I have witnessed some heavy waters. We have sailed through the worst pandemic the world has known in a hundred years. That, I believe, made us very strong as a community. This is what I will miss most, this community of men and women with its strong sense of solidarity, linked with the same dream.

My last message to you is simple: have faith in who you are. Be proud of our community. **Keep the dream alive!** ■

# Milestones in 2022

## January

- The University and the Ministry of Higher Education and Research sign a new multi-year contract, "convention pluriannuelle", covering the period 2022-2025. The contract defines the public endowment, the objectives as well as key performance indicators of the University. In the coming four years, the University will focus on three major interdisciplinary challenges: Sustainable and Societal Development, Medicine and Health, and Digital Transformation.



## February

- Marc Hansen, Minister Delegate for Digitalisation, and Yves Elsen, Chairman of the University's Board of Governors, sign a framework agreement. This agreement enables the Interdisciplinary Centre for Security, Reliability and Trust (SnT) to support the Ministry of Digitalisation in promoting and strengthening the digital transformation of public administration, as well as the digitalisation of administrative procedures in Luxembourg. The objective is to accompany and support Luxembourg's government in the implementation of the EU initiative "European Digital Identity Wallet".



2022

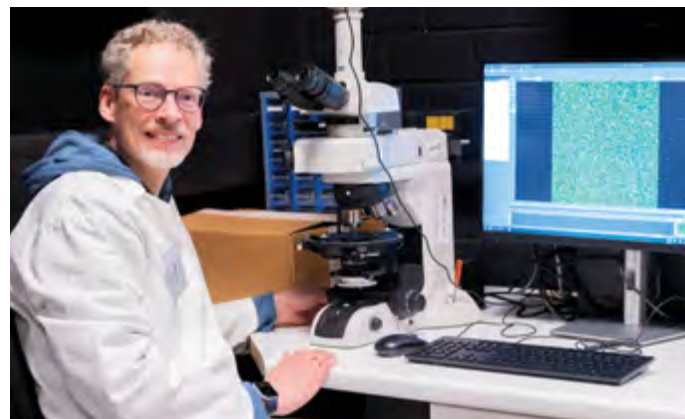
## January

- The C<sup>2</sup>DH establishes a Digital Memorial of the Shoah to investigate Luxembourg's history during the Nazi occupation. The Memorial goes beyond collecting data resources by restoring, and narrating the personal identity, history and life context of individuals.



## February

- Prof. Jan Lagerwall, physicist at the University of Luxembourg, obtains a Proof-of-concept grant from the European Research Council (ERC). He works on the production of sheets and fibres of smart sensors applicable on various materials and therefore useable in monitoring the health and stability of buildings and in smart textiles, respectively.



## February

- The SnT announces the launch of its "Finnovation Hub", an initiative with the Ministry of Finance to strengthen Luxembourg's reputation as one of the world's leading financial centres.







## February

At the occasion of the International Day of Women and Girls in Science, six female scientists of the University of Luxembourg share their experiences via video-testimonies including recommendations for women in science.



## February

The Faculty of Science, Technology and Medicine (FSTM) is conducting the "COVID-Kids II" study in cooperation with UNICEF Luxembourg. The study reveals the prolonged impact of the pandemic, which has reduced life satisfaction for more than one third of children aged six to 16 in Luxembourg. Together, the two partners formulate recommendations on children's resilience to improve wellbeing of children in Luxembourg.



## February

Esch2022, the European Capital of Culture, is officially inaugurated in Esch-sur-Alzette, Luxembourg's second largest city and home to the University's main campus in Belval. The University participates with several projects designed by university researchers, combining research, science, art, nature, history, and innovation. Under the slogan "Remix Culture", they celebrate the diversity of cultures in Europe.



## March

The annual University "Open Day" welcomes close to 1,500 visitors to the Belval campus to experience first-hand what it is like to study at the University of Luxembourg.



## March

Prof. Jens Kreisel, Vice-Rector for Research, is appointed as Rector of the University of Luxembourg, starting his mandate on 1 January 2023. Thanks to his international career, the German physicist has gained substantial experience in the management of universities and research institutions and has an in-depth knowledge of the Luxembourg and European research landscape.

## April

Prof. Bradley Ladewig is appointed holder of the Paul Wurth Chair in Energy Process Engineering. The Chair focuses on advanced materials and systems for hydrogen technologies.

## April

The SnT, in collaboration with the Ministry of State, announces the development of the Luxembourg Quantum Communication Infrastructure Laboratory (LUQCIA). The five-year project aims to establish a national testbed in 2023 to enable advanced and applied research in quantum key distribution and quantum internet.



## April

Prof. Alexandre Tkatchenko receives an Advanced Grant, the most prestigious single-investigator award offered by the ERC. His project "Field-Theory Approach to Molecular Interactions" is related to the broader field of Quantum Materials in physics, chemistry, and biology. The grant amounts to 2.5 million euros of funding over five years.



## April

The University and LuxProvide, operator of the Luxembourg supercomputer MeluXina, sign a framework agreement to collaborate in common research and innovation projects, education and training programmes. They also share access to infrastructure and expertise in High-Performance Computing which has the ability to process data and perform complex calculations at high speed.



## April

A new Chair in Cyber Policy is established in cooperation with the Luxembourg Ministry of Foreign and European Affairs. The Chair within the Faculty of Law, Economics and Finance (FDEF) conducts research on privacy, data protection, cybercrime, cyber defence, contract law, intellectual property law, and human rights.



## May

The C<sup>2</sup>DH celebrates its fifth anniversary. The centre's mission is to explore the history of Luxembourg and Europe. The centre also conducts research into digital tools and methods for the study of history in the 21<sup>st</sup> century.



## May

A consortium including the University of Luxembourg is awarded a prestigious "PathFinder Open" grant by the European Innovation Council. The grant goes to the research project "Reusable Mask Patterning" which aims to create a paradigm shift in the field of microfabrication.



## June

The University is ranked among the Top 250 universities and no. 25 among young universities worldwide in the Times Higher Education 2023 rankings. The U-Multirank awards the highest scores in the areas of research and publications. In the CWTS Leiden Ranking 2022, the University of Luxembourg is ranked no. 54 in the world among the universities with the 1 per cent most cited publications in their field, in proportion of the number of articles published.



## August

Ukrainian researchers are now temporarily working in Luxembourg for research institutions such as the University of Luxembourg. On their behalf, the University has developed a new Luxembourg-Ukrainian Researcher Network.



## July

The SnT, the Luxembourg Institute of Science and Technology, and the energy provider Encevo S.A. sign a Partnership Framework Agreement to accelerate the transition to a sustainable energy landscape.



## July

Dr. Martin Stöhr receives the 2022 award for the best PhD thesis at the University of Luxembourg. His research focuses on computational modelling, which plays a key role in a wide range of developments – from drug design to next-generation catalysts and energy materials.



## September

Prof. Laurence Bernard and Prof. Marie Friedel are appointed Full Professors in Nursing Sciences. The Luxembourgish Government mandates the University of Luxembourg to establish a total of seven new Bachelor's programmes in various fields of nursing, starting gradually in September 2023.



## September

The University launches a collaboration with Amazon to accelerate strategic high-performance computing research and development in Europe. With this step, the University of Luxembourg will be among the first European universities to provide researchers access to computing environments that use a similar architecture to the European Processor Initiative.



## October

Prof. Claus Vögele is appointed the new head of the University's Institute for Advanced Studies (IAS). The IAS aims to stimulate and promote bold and interdisciplinary research at the very forefront of science to build bridges between the University community, international visitors, and Luxembourg society.



## October

Prof. Rejko Krüger and Dr. Ibrahim Boussaad from the LCSB receive an Award of the Fonds National de la Recherche Science for Outstanding Scientific Achievement for their research in the field of neurodegenerative diseases and precision medicine.



## September

Thousands of new students are welcomed at the University of Luxembourg during its annual Welcome Day event at the start of the new academic year.



## September

The University and the Ministry of Economy sign an agreement on higher education and research activities focused on High-Performance Computing. This agreement envisages the creation of a pilot European Master's degree in High-Performance Computing, Big Data Analysis, and Artificial Intelligence.



## October

Prof. Simone P. Niclou is appointed as Vice-Rector of the University of Luxembourg as of March 2023, with particular responsibility for research, doctoral education, and interdisciplinarity. Prof. Niclou is an internationally renowned expert in the field of neuro-oncology, heading the Department of Cancer Research at the Luxembourg Institute of Health.





## November

The University receives 1.5 million euros from the European Union's flagship research programme, the Marie Skłodowska-Curie Actions, to fund 10 research projects at the Institute for Advanced Studies Luxembourg. These will be part of a new Young International Academics programme starting in 2024 with a total budget of four million euros.

## November

Claude Meisch, Minister of Research and Higher Education, and Simone Asselborn-Bintz, Mayor of Sanem, break ground on the new Biotech 3 building on Belval campus to foster interdisciplinary research and outreach activities.



## December

The University's Incubator and Entrepreneurship Programme is hosting its 10<sup>th</sup> Ideation Camp, an intensive four-day-long hands-on course for which teams are selected through the My Big Idea competition.



## December

In front of several hundred staff members, Rector Stéphane Pallage bids farewell to the University community at the end of his five-year mandate. He hands over the University's Golden Book to the future Rector Jens Kreisel.



## November

An academic team coordinated by the University together with the Inclusive Green Finance Working Group publishes a milestone report on Inclusive Green Finance for the United Nations. The report deals with the role of financial inclusion in building resilience to climate change impact and small-scale mitigation among the world's most vulnerable people.

## November

Researchers from the SnT demonstrate an autonomous car in live traffic. This marks the first time an autonomous single-family car has joined the flow of traffic in Luxembourg with members of the public as passengers.



## December

The director of the LCSB Prof. Michael Heneka receives a PEARL Chair for a research project focusing on Alzheimer's disease. Endowed with 3.9 million euros, this new project aims to bridge from fundamental research to clinical applications for diagnostics and therapy, contributing to improving care for dementia patients in Luxembourg and beyond.



## December

Prof. Björn Ottersten is appointed as a new member of the governing body of the ERC, the European Research Council. He will serve as one of the 22 distinguished researchers representing the European scientific community.

# A University for Luxembourg and the world



## A research university building one team

- Striving for excellence in all its missions – education, research and impact on society.
- Quality education for 3000 Bachelor, 2000 Master, and 1000 PhD students.
- Giving students the opportunity to learn from world-class scientists.
- Cutting-edge research in three Faculties and three Interdisciplinary Centres.
- Cherishing both fundamental and applied research.
- Combining disciplinary depth with interdisciplinarity.
- Focusing on people and their collaboration.



## International by conviction

- Multilingual and multicultural diversity.
- 60% of students from abroad.
- 6000 students and 300 professors from 130 countries.
- Mobility programmes with over 100 universities around the globe.
- Ranked #4 in the world for our international outlook (Times Higher Education).
- Internationally recognized professors.
- Global research focus through 135 EU research grants.



## Empowering Luxembourg

- Attracting talents: 50% of our graduates stay in Luxembourg.
- A motor driving knowledge and technology transfer, and the digital transition of Luxembourg.
- Managing a portfolio of six industrial chairs and five public chairs with national partners.
- Author of the national education report (Bildungsbericht) and the "Health Behaviour in School-aged Children" report for Luxembourg.
- Training the teachers and educators for tomorrow.
- Cooperating with the EU institutions and Luxembourg's financial centre.
- Shaping social and technological development, economic growth, and cultural diversity.
- With 2400 staff, among the largest employers of Luxembourg.



# From smart sports gear to smart buildings

Today, a new generation of smart products can share information about themselves, their environment, and the users. Mechanical sensors are key components of these smart objects: “Distributed strain sensors are highly useful for detecting and monitoring cracks in concrete structures as a function of ageing and wear,” explains the physicist Prof. Jan Lagerwall. He has received a grant from the European Research Council (ERC) to work on the production of sheets and fibres for sensors in smart buildings as well as smart textiles.

So far, sensor technology has typically relied on one-dimensional strain sensors with low resolution, providing limited information about deformations. The technology risks to miss dangerous strains. In the project, “Revealing complex strain patterns and dangerous loads using cholesteric liquid crystal elastomers” (REVEAL), Prof. Lagerwall and his team offer two- and one-dimensional strain sensing in high resolution. Their innovative strain sensing changes colour in response to mechanical deformation. Their technology could be used to monitor structures, smart clothing, and sports gear in the near future! The initiative will contribute to the digitalisation of the financial sector in Luxembourg. ■



Prof. Jan Lagerwall, Nguyen Ngoc Quynh Duyen and Dr. Rijeesh Kizhakidathazhath



Dr. Rijeesh Kizhakidathazhath



## On the trail of colorectal cancer

Colorectal cancer (CRC) is the second most frequently diagnosed and most lethal cancer worldwide. A key player in colorectal cancer is the gut microbiome, as different gut-derived bacteria can encourage tumour growth. However, the role of the gut microbiome on the tumour cell metabolism remains largely unexplored.

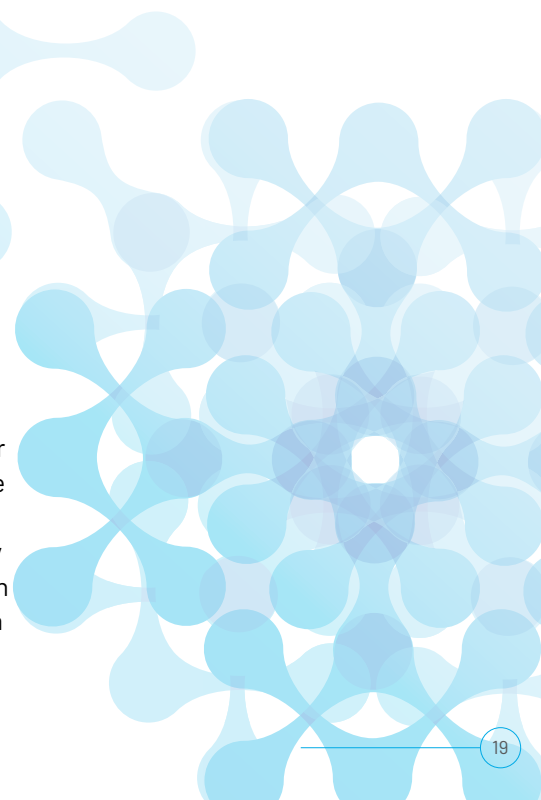
To fill this scientific gap, Dr. Elisabeth Letellier from the Department of Life Sciences and Medicine (DLSM), recently appointed Assistant Professor, is moving beyond observational studies. Together with her collaborators, she analyses microbiome-derived metabolites, including formate, a metabolite produced by the CRC-associated bacterium *Fusobacterium nucleatum*. In their studies, they were able to identify formate as a gut-derived metabolite that is relevant in the progression of colorectal cancer. These findings mark an important step in the research of colon cancer that may open up new therapeutic strategies for CRC in the future. ■



## Understanding thousands of atoms

The University of Luxembourg has gained international recognition in the field of quantum science and technology. Over the past decade, Prof. Alexandre Tkatchenko and his team have developed methods and tools to understand complex molecules and materials comprising thousands of atoms. His research has now been awarded with an Advanced Grant (AdG), the most prestigious single-investigator award offered by the ERC.

Prof. Tkatchenko's project "Field-Theory Approach to Molecular Interactions" (FITMOL) relates to the broader field of Quantum Materials in physics, chemistry, and biology. FITMOL aims to improve the ability to model and understand molecular interactions in molecular systems. The project contributes to research, from single molecules to more realistic biomolecular complexes, such as enzyme and DNA complexes. Prof. Jean-Marc Schlenker, Dean of the Faculty of Science, Technology and Medicine (FSTM) summarises: "FITMOL promises to bring forth progress both in our fundamental understanding of molecular interactions, and in applications such as drug discovery." ■



## Dare to select the very best in financial research

The Review of Finance aims to publish high-quality papers in all areas of financial economics. This journal of the European Finance Association (EFA) often features novel or controversial contributions from authors. The editorial process relies on the cooperation of scientists who are willing to take risks on papers that may not be published by journals otherwise.

Prof. Diane Pierret, Assistant Professor and Study Programme Director of the Master of Science in Finance and Economics – Banking Track, received the Distinguished Referee Award for her outstanding refereeing service. This award demonstrates her strong academic background and excellence in terms of understanding past and emerging literature in the field of financial economics. Prof. Pierret's sharp critical thinking is not only the reason for this award, but also reflects the high quality of research in finance at the University of Luxembourg. ■

## Shedding light on the origins of inequality

A look at the newspapers shows it: economic inequalities are growing and raise significant concerns about social cohesion. In the ORIGINS project, Prof. Konstantinos Tatsiramos retraces people's origins to answer questions on unequal opportunities that may affect their success in life. The research project seeks to provide an insight into how social origins affect the socioeconomic trajectories of individuals. Existing inequalities are passed on from parents to children, and revealing their origins is key to understanding their impact on social cohesion as well as finding solutions in the long run.

The Fonds National de la Recherche (FNR) awarded Prof. Tatsiramos the CORE grant for this important research. Another grant went to Prof. Michel Beine for his project on modelling migration intentions and location choices, using Advanced Discrete Choice Models (MIGDCM). Young academics also have opportunities for funding – the junior CORE grant. Postdoctoral researcher Dr. Morgan Raux will analyse the effects of digitalisation on the labour market with the project DIGISKILLS. The academic future makes its presence felt! ■



Prof. Katalin Ligeti

## First legal Doctoral Training Unit at the University

In Europe and beyond, multi-level regulatory systems are faced with various enforcement challenges. Complex legal frameworks are regulated by several layers of legislation, which pose challenges related to different enforcement levels and digitalisation. This was the topic of a collective volume entitled "Studies on enforcement in multilevel regulatory systems", with contributions from the PhD graduates of the Doctoral Training Unit on Enforcement in Multi-Level Regulatory Systems (DTU REMS).

During the five-year project which concluded in 2022, 15 PhD graduates were able to conduct and publish their research on the interaction between regulatory rules and their multi-level enforcement by means of legal enforcement tools. At the same time, special attention was paid to the underlying policy interests of those mechanisms. As the first of five Doctoral Training Units established within the Faculty of Law, Economics and Finance (FDEF), DTU REMS paved the way for this doctoral training format. ■



## Industrial pasts of Luxembourg

The Belval Campus of the University of Luxembourg bears witness to Luxembourg's impressive industrial steel heritage. It is no coincidence then that this very heritage has become the research subject of the Luxembourg Centre for Contemporary and Digital History (C<sup>2</sup>DH). Among the public history projects were "Remixing industrial pasts and histor'Esch", whereby researchers met local residents with the aim of writing new urban and industrial history. The collaboration, organised within the framework of the European Capital of Culture Esch2022, resulted in the exhibitions "Remixing Industrial Pasts: Constructing the Identity of the Minett" and "HistorESCH: Histories of Esch Told in 25 Objects".

A digital exhibition "Minett Stories", a multilingual audio tour with oral histories of Esch residents, an online Facebook community called "FL'ESCH Back" and an outdoor mural in the Lallange district provided a multimedia approach to the industrial pasts of Luxembourg. They all tell the diverse and sometimes contested histories and identities of the industrial zones of southern Luxembourg. Five years after its foundation, the C<sup>2</sup>DH has positioned itself with this kind of innovative approach as a key player in contemporary and digital history research. ■

## Towards a common heritage

"A *Colônia Luxemburguesa* is really about making history, not only at the University but also on the streets for and with the people. It is about constructing a common heritage together, on and off screen," summarises the researcher Dominique Santana the transmedia project. In collaboration with Samsa Film and the Centre national de l'audiovisuel (CNA) within the framework of Esch2022, the research team created a transmedia documentary, about the stories behind an enormous steel empire deep down in the wilderness of the Brazilian tropical forest. The project combines on the one hand the website [www.colonia.lu](http://www.colonia.lu) with an interactive documentary, interactive maps and character profiles, an online crowdsourcing platform, and a collaborative archive collection with, on the other hand, the two physical and fully participatory platforms called [L]AÇO kiosks, located in Luxembourg and in Brazil.



Dominique Santana (left) and her team in Brazil.

One hundred years ago, the Luxembourg-based steel giant Arbed – today ArcelorMittal – inaugurated its Brazilian subsidiary called the Companhia Siderúrgica Belgo Mineira in the heart of Minas Gerais. At that time, the lack of qualified workforce provoked a massive movement of Luxembourgish migrants to Brazil in order to erect a steel plant and its surrounding industrial city, giving birth to the cradle of the Brazilian steel industry. This migration history is an integral part of Luxembourgish history – for a long time forgotten, now finally being retold. ■

## Building a bridge between the dead and the living

Two-year-old Betty Hirschbein survived only because she was ill in October 1941. Otherwise, she would have been deported with her parents. She also survived Theresienstadt and returned to Luxembourg in 1945 before leaving the country. Around 5,000 Jewish people lived in Luxembourg before the Second World War. During the war, one in three was killed for racial reasons. After the war, a mere 10 per cent of the Jewish community remained in Luxembourg. With the last witnesses alive, the stories of these men, women, and children are in danger of being forgotten. To avoid such a memory loss, the C<sup>2</sup>DH and Fondation luxembourgeoise pour la Mémoire de la Shoah (FLMS) initiated the *Mémorial digital de la Shoah Luxembourg*.

The Memorial is a participatory work in progress, with the aim of writing the biographies of the Jews in Luxembourg. It is open to historians, victims, and descendants to tell their stories and keep the memory of the Shoah in Luxembourg alive. The Memorial of the Shoah goes beyond merely collecting data, seeking instead to retrace the personal history and life of each individual person and family. By doing so, it builds a bridge between the dead and the living. ■

# Reveal inequalities in cognitive decline and dementia



Dementia, a range of conditions characterised by memory impairment, is influenced by cognitive stimulation, and social and physical activities over the life course. Population health research now attributes up to 40% of dementia cases to modifiable risk factors such as physical inactivity, whereas genetic risk contributes only 7%. Since there is no medical cure to delay cognitive ageing or even dementia, there is an urgent need to provide the best possible environments to build up cognitive reserves. The five-year project “Cognitive aging: From educational opportunities to individual risk profiles” (CRISP) examines the trajectory and social perspective of cognitive ageing, putting a particular focus on inequalities related to gender.

Prof. Anja Leist and her team are leading a project funded by the European Research Council – [cognitiveageing.uni.lu](https://cognitiveageing.uni.lu), to investigate the varying opportunities for men and women in terms of education, work and pay, and how they relate to cognitive performance in later life. One study concludes that people who experience high socioeconomic deprivation are significantly more likely to develop dementia compared to people of better socioeconomic status. By improving current knowledge on who is at particular risk of cognitive decline, and who would benefit from lifestyle interventions, cognitive decline of vulnerable individuals might be delayed. ■

## Learning is key

How can we design learning experiences that adapt to the needs of each individual and ensure learning success? Could the answer to this question lie in modern entertainment technologies such as video games? Can we develop digital learning environments that improve learning abilities in ways that matter in real life? In the DIGILEARN ATTRACT project, Prof. Pedro Cardoso Leite and his team at the Department of Behavioural and Cognitive Sciences get to the bottom of these questions.

Learning is the cornerstone for most human endeavours and there is a great need for new tools to enhance learning. The goal of the DIGILEARN project is to better understand the mechanisms underlying learning and transfer and to develop new interactive digital technologies to promote learning, transfer of learning and enhance the cognitive skills that are essential for the 21<sup>st</sup> century. This research not only promises new insights into the science of human learning but also novel tools that could directly benefit learners in Luxembourg. ■







ELWar team, from left to right: Christophe Lesschaeve, Josip Glaurdić, Michal Mochtak

## Leave past in the past

War changes people and their communities. It destroys the social, economic, and physical fabrics of a state. It alters social gender and class structures. War has a long list of impacts. One impact, however, is less evident, yet still crucial to the reconstruction of communities in post-war times: politics. War continues to exert its influence even decades after the violence has ended. Nonetheless, little scientific evidence exists of the impact of war on political competition.

Prof. Josip Glaurdić and his team investigate to which extent post-war elections are decided by voters'

experiences and perceptions of the ended conflict. The project ELWar deals with the topic of "Electoral legacies of war: Political competition in postwar Southeast Europe". The researchers shed light on the impact of war on electoral strategies, policy preferences, and recruitment methods of post-war political parties. The research exposes the mechanisms by which war becomes embedded into post-war political competition on a community level. It is this knowledge that is needed to understand present elections and plan future politics. Prof. Glaurdić sums up the importance of the ELWar project, which "can help society to leave past in the past and move forward." ■



## Making sure online communication is secure

How would our lives change if we could not rely on secure online communications? With more and more cyberattacks impacting every country around the world, Luxembourg is looking to build up defences. The focus is on quantum key distribution (QKD), a technology that allows the recipient and the sender to know if their message was intercepted by someone else.

The project, named LUQCIA, will last for five years and is funded by the European Union. Researchers will work in collaboration with the Ministry of State to build up infrastructure in Luxembourg, which will be accessible to public institutions and companies who wish to collaborate on making communication in Luxembourg more secure. ■



## On the road in Luxembourg

The heavy traffic in Luxembourg is not exactly what one would call relaxing. But on a rainy Thursday in November, drivers were caught by surprise when they witnessed a fully autonomous car drive past them. For the first time in history a self-driving car with regular people in the backseat, not researchers, joined the flow of traffic in Luxembourg!

The demonstration was the culmination of five years of research carried out by the 360Lab team. Under the leadership of Prof. Raphaël Frank, the scientists tested navigation technologies and high-resolution maps. Autonomous driving holds the potential to create a mobility ecosystem that is both safer and more sustainable. So that on a rainy November day in the future perhaps autonomous driving will be the rule and traffic jams will be a thing of the past! ■



## LuxemBERT for all

Language models are the fuel that powers AI driven technology like translation software, chatbots, and text recognition. Thanks to a partnership between the banking group BGL BNP Paribas and the SnT, Luxembourg now has its own language model, LuxemBERT, which is open source and publicly available online. Luxembourgish is listed as an endangered language by UNESCO, with less than half a million active users. It was not until 1984 that Luxembourgish officially became the national language and was put into a written form with an orthography, which makes it a low-resource language, as the number of texts in Luxembourgish is limited compared to more widely used languages.

To train a model in a low-resource language like Luxembourgish, Prof. Jacques Klein and his team developed an innovative approach to tackle this challenge. Now that LuxemBERT is available, artificial intelligence (AI) systems can be built with it, and the team will act as its academic stewards as it grows its usage. ■



## Scientific progress 'Made in Luxembourg'

Parkinson's is the second most common neurodegenerative disease worldwide. While there is no cure for Parkinson's disease, the symptoms can be treated with medication and alleviated for many years. In this context, the researchers of the University of Luxembourg use a multidisciplinary approach to translate discoveries from fundamental and clinical research into innovative technologies and therapies to improve the outcome for people with Parkinson's disease.

Prof. Rejko Krüger and his team, together with international partners, were able to clarify the cause behind a genetic form of Parkinson's disease and identified potential pharmacological treatments. This long-term research project resulted in the first proof-of-concept for precision medicine in Parkinson's disease, for which Prof. Rejko Krüger and Dr. Ibrahim Boussaad received a Fonds National de la Recherche (FNR) Award for Outstanding Scientific Achievement. Prof. Krüger explains the success of the research: "This kind of scientific progress 'Made in Luxembourg' is possible because all the necessary disciplines have been unified in Luxembourg for several years now." ■



Prof. Rejko Krüger and Dr. Ibrahim Boussaad

## Alzheimer's starts hidden

Dementia has been declared a major health issue by the World Health Organisation. Approximately two-thirds of all dementia patients are suffering from Alzheimer's disease, a neurodegenerative disorder that leads, among others, to memory dysfunction and behavioural disturbances. The new director of the Luxembourg Centre for Systems Biomedicine (LCSB), Prof. Michael Heneka, has been awarded an FNR PEARL Chair for a research project on diagnostics and therapy of Alzheimer's disease. "It has increasingly become clear that Alzheimer's is, in fact, not a disease of the elderly but starts much earlier in life," he explains. "Understanding its origins is therefore key to being able to detect and treat it before the devastating effects on the brain fully appear."

With this new project called MINIALZ, Prof. Heneka and his team will study the interaction of immune cells and neurons in the brain to better understand their role in the onset and progression of Alzheimer's disease. It will reinforce the University's position as a stronghold for neuroscience research and support Luxembourg's ambition to provide excellent healthcare to dementia patients. ■

## Mitochondria and neuroinflammation in Parkinson's disease

Prof. Anne Grünewald and her team study Parkinson's disease, aiming to identify novel cellular pathways which may be targeted for therapeutic intervention. One of their research projects focuses on the role of a specific protein, called Parkin, as mutations in this protein can lead to the disease. Recent findings suggest that Parkin regulates the production of new mitochondria – the powerhouses of cells – as well as the clearance of dysfunctional mitochondria. The study also highlights Parkin's involvement in the maintenance of mitochondrial DNA. Overall, this protein seems essential to protect neurons from neuroinflammation and degeneration. Further investigations into the mechanisms involved could pave the way for innovative anti-inflammatory treatments. ■



# Booster for the Institute for Advanced Studies

Claus Vögele heads the Institute for Advanced Studies (IAS) since October 2022. The Professor of Clinical and Health Psychology has big plans for the initiative founded in 2020: “With the IAS, we want to help interdisciplinary thinking make its breakthrough at the University of Luxembourg,” Vögele says. Currently, as is normal for research institutions, the University of Luxembourg’s excellent research is still mostly carried out within the disciplinary confines of departments. To change this, the IAS supports only projects that involve at least two disciplines. Vögele adds: “These collaborations must be on an equal footing. Only if a convincing case is made in the proposal that both disciplines will gain in terms of knowledge or data base will they be eligible for IAS funding.”

Prof. Claus Vögele, Head of the IAS and  
Dr. Sylvie Fromentin, IAS Project Manager

Thanks to this philosophy, several research projects have already been funded by the IAS and their results have been published in some of the world’s top journals. One example is a paper in the journal “Light: Science & Applications”. It was prepared by an interdisciplinary team led by Professor Jan Lagerwall (physicist) and Professor Holger Voos (specialist for robotics) from the University of Luxembourg and Professor Mathew Schwartz (architecture, construction of the built environment) from the New Jersey Institute of Technology, USA. The team developed a method for identifying physical objects by the specific light waves they reflect. This unique spectroscopic fingerprint can close the gap between the digital and the real world that has stood in the way of digital commerce for so long.

It is highly likely that the reputation of such publications contributed to the recent success in attracting 1.5 million euros from the EU’s Marie-Skłodowska-Curie Research Actions. This funding will allow 10 postdoctoral researchers to conduct their research projects at the IAS. They will be a part of the new Young International Academics postdoctoral programme. This programme is open to all disciplines and will start in 2024 with a total budget of four million euros.

## Interdisciplinarity comes from communication

These Young International Academics, selected through a rigorous process, will each be supervised by two professors from a pool of more than 350 potential supervisors from all faculties and interdisciplinary research centres at the University. They will have access to highly modern research facilities and infrastructures, courses tailored specially to them, and participation in major events and conferences.

This EU funding is an enormous boost for the IAS. But Claus Vögele has even more plans: “Interdisciplinarity comes from personal communication, through human contact,” he says. He is therefore campaigning for membership in the international UBIAS network, the University-based Institute for Advanced Studies. And in the long term, he believes the IAS deserves its own real estate: “Interdisciplinary researchers also need a place to come together at the University of Luxembourg – a true home for the IAS.” ■



# Opening doors to Ukrainian researchers

Imagine you are a scientist whose lab was destroyed by a missile. Imagine your lifelong work as well as your own life being put in danger because of a war in your home country. Would you pursue your research against all odds trying to make a positive impact even in these tough conditions?

As a consequence of the Russian invasion of Ukraine, the University of Luxembourg has welcomed over 30 Ukrainian researchers who were looking to continue their work even in these difficult times. They have temporarily joined the University of Luxembourg in 2022, mainly as research fellows and in some cases under temporary contracts funded by the Luxembourg National Research Fund (FNR). Here are some of their stories.

As we can all see in the news, the war irreparably destroys tangible cultural heritage – heritage that is part of the identity of people who live in Ukraine. Volodymyr Nemchenko, Professor at the National University of Radio Electronics in Kharkiv, is currently working as a research fellow at the Centre of Contemporary and Digital History (C<sup>2</sup>DH) and tries to digitally archive and preserve the historical heritage of his region. “Many famous buildings and valuable historical objects which belong to the heritage of the Ukrainian and European civilisation – often listed in UNESCO catalogues – are being turned into ruins,” he says.

Nemchenko proposes to catalogue historical objects of the Kharkiv region and their description in digital format. This catalogue should include 3D scanning of existing objects as well as 3D models of destroyed buildings. These measures

could enable the reconstruction in the future: “When the war is over, this will be valuable historical material for the restoration of Ukraine ready to be used.”

For Nadiia Novytska, the University of Luxembourg allows her to continue scientific research related to excise taxation, even in wartime. After her office at the Research Institute of Financial Policy located in Irpin was destroyed by rocket attacks, she moved with her daughter to Luxembourg. She is now a visiting researcher at the Faculty of Law, Economics and Finance (FDEF). “The University of Luxembourg above all gives me and my child the opportunity to be safe, away from constant rocket attacks and occupied territories,” she says.

The University’s Faculty of Humanities, Education and Social Sciences (FHSE) hosts the research and development specialist Kateryna Ivanishchenko. Before her arrival in Luxembourg, she was affiliated with the Reform Support Team of the Ministry of Education and Science of Ukraine. At the University of Luxembourg, she implements a project on educational technology competencies of primary schoolteachers in Luxembourg. “I truly believe that my work here may help to build bridges for further efficient cooperation between Ukraine and Luxembourg in the field of education and science.”

The Ukrainian researchers apply their scientific competences and technical skills at the University of Luxembourg. Together with their fellow researchers from the University, they are laying the foundation for a strong scientific cooperation in the long-term. ■

The University has welcomed 30 Ukrainian researchers.

Volodymyr Nemchenko



Nadiia Novytska



Kateryna Ivanishchenko





## Nursing education at academic level starts in autumn

The Luxembourg government has taken measures to make the profession of nurses more attractive in order to better meet the needs of the country's care sector in the long term. Specifically, the University of Luxembourg has been mandated with developing a comprehensive range of Bachelor programmes in Nursing Science and Midwifery, thus raising the level of training to an academic level. A total of seven new Bachelors in different fields of Nursing Science and Midwifery will be launched gradually as of September 2023: Bachelors for Surgical Medical technical Assistants (SMA) as well as for nurses specialised in the fields of anaesthesia and resuscitation, paediatrics, mental health followed in 2024 by midwifery and radiology as well as a Bachelor of Nursing Science in general care.

Prof. Laurence Bernard and her colleague Prof. Marie Friedel were nominated as the first Full professors in Nursing Sciences in late 2022 — a first milestone of the University's large-scale project in the field of Medicine and Health. Both professors are trained nurses themselves. They will build and coordinate nursing education and they are also responsible for developing research in Nursing Sciences at the University of Luxembourg.

Academic Bachelors in Nursing Science are associated to improve quality of care provided to patients and to increase attractivity for the nursing profession.

Professor Laurence Bernard



Prof. Marie Friedel

Marie Friedel was born in Luxembourg and is a French and German national. She holds a PhD in public health. Marie Friedel has been working as a Scientific collaborator at the Institute of Health and Society (IRSS) at the Université Catholique de Louvain and has been teaching for more than 20 years at the Nursing and Midwifery Department, Haute Ecole Léonard de Vinci in Brussels. Her research activities, based on mixed methods designs and a strong collaborative approach, focus on paediatric palliative care, quality of life, outcome measurement in healthcare, ethics and nursing education.



Prof. Laurence Bernard

Laurence Bernard has Canadian and Belgian citizenship. She holds a PhD in Nursing Sciences, was a postdoctoral fellow in Nursing Sciences at McGill University, Canada, and joined the University from the Faculty of Nursing of the University of Montreal. She has been teaching Nursing Sciences in various universities for 18 years, including 10 years as a professor at the University of Montreal, and has published in the domains of Health Care Safety and recently Pandemics, but also in Critical Theory including Feminism, Post-modernism and Socio-constructivism.





The first four Nursing programmes starting in September 2023 at the University of Luxembourg are specialised Bachelor programmes aiming at students with a "Brevet de Technicien Supérieur" in general care:

- **Bachelor infirmier en anesthésie et réanimation**
- **Bachelor infirmier spécialisé en psychiatrie**
- **Bachelor ATM de chirurgie**
- **Bachelor infirmier en pédiatrie**

Up to 15 students can be admitted to each degree programme per year. The duration of each programme is 4 semesters (180 ECTS, the first year-60 ECTS provided through validation of acquired experience), including one semester abroad.

The teaching languages are French and German (level B2). These four programmes will be followed in 2024 by Bachelor programmes in midwifery and radiology as well as a Bachelor of Nursing in general care.

In addition to the nursing Bachelor programmes, the University of Luxembourg developed four other study programmes in 2022:

- **Master in Mathematics - Mathematical Modelling and Computational Sciences (new track in the Master in Mathematics)**
- **Master in High Performance Computing**
- **Erasmus Mundus Joint Master in Cybersecurity (joint programme)**
- **Bachelor en Formation Pédagogique (BFP)**

## "Bachelor en Formation Pédagogique" starting in 2023

The University has agreed in a convention with the Ministry of Education, Children and Youth to create the new "Bachelor en Formation Pédagogique (BFP)". The new course starts in the academic year 2023/24, offering more students the opportunity to work as elementary school teachers in response to the shortage of teaching staff in Luxembourg.

In this Bachelor programme, students acquire the pedagogical and didactic skills for teaching in a plurilingual and multicultural school environment. Candidates are students with a Bachelor's degree in relevant fields such as education, languages, psychology, art or physical education.

The course consists of two semesters and gives access to work in the cycles 2, 3, and 4 of elementary school, in the "classes de la voie de préparation" for general secondary school and the care of children with particular and special needs.

"This programme illustrates that the University serves the country and its citizens," emphasises Rector Jens Kreisel. "The programme meets the needs of the school system in Luxembourg, as well as those of people wishing to enter the school profession, by offering a high-quality curriculum. The University is thus strengthening its long-term strategy in the field of education." ■



# A thank you letter to our academic staff

With almost 1,500 academic staff, the University can draw on a large pool of teachers. As a thank you, the student body of each faculty votes on the recipients of the Teaching Award, which in 2022 went to six teachers across all faculties.

The annual presentation of the Teaching Award shows time and again that teaching can also be fun and interactive. A university is only as good as its teachers: commitment, openness to students' concerns and suggestions, and accessibility are all criteria that are highly valued by students – and this award is the best proof of that.



"A big thank you to my students – it is a pleasure," were the words of Dr. Peter Joseph Mathis as he accepted the award at the annual Rentrée Académique celebration. Students at the Faculty of Law, Economics and Finance (FDEF) especially praised Dr. Mathis' friendly, patient and charismatic personality, both during and outside of class.



Dr. Amelie Bendheim, a fellow research scientist at the Faculty of Humanities, Education and Social Sciences (FHSE) is no less supportive, while at the same time appreciated for her entertaining, inspiring and creative approach to teaching. She, too, was very grateful for receiving the award from her linguistics and language students.



In his speech, Prof. Luisito Bertinelli, a fellow colleague at FSTM, particularly aptly underlined the significance of the teaching award. The associate professor described the prize as a recognition for passing on knowledge to students. He made it clear that it is an award "that I share with my students – it's as much yours as it is mine."



Wolfgang Poigner, a doctoral researcher at the Faculty of Science, Technology and Medicine (FSTM), stood out as the only doctoral student to receive an award for his teaching. In the future, he is convinced that more will follow, because "many of us are very committed and motivated" when it comes to their topic and exchange with the students.



As his "lifetime achievement award" is how Prof. Fernand Anton describes the award he received from his psychology students at the FHSE. The senior professor gave a moving speech in which he thanked not only his students, but also the inspiring teachers who awakened in him a passion for his profession: "I have always loved teaching – giving my best, trying to have a good exchange with the students.



Just as Prof. Volker Müller motivates his students, so too does the teaching award encourage him: "This will really boost my motivation to continue to do my very best in the future to help students to become creative, well-trained, but also critical computer scientists." professor at FSTM is also known for his friendly and supportive nature, which certainly benefits his students.

# Student life is back: slams, service and speed dating

Students are spread out in groups. Their lively conversations and cheerful laughter echo across campus. Other students walk hurriedly to their lecture rooms. Student life is back on the campus and it is a beautiful sight! After many months of remote learning and teaching due to the COVID-19 pandemic, the campus is again a vivid place to meet, exchange and learn.

In 2022, student life included numerous charitable initiatives. One of these was the “Intergenerational Speed Dating” that the University’s Student Delegation organised with the association Cohabit’Age to provide housing alternatives in Luxembourg. Another project from the Student Delegation was the “Plooschter Projet”. Numerous students and employees of the University followed the call and signed up to join an international list of potential stem cell donors.

As an answer to the Russian invasion of Ukraine, the Conscious and Cultural Student Association (CCSA) collected donations for Ukrainians in need. Staff and students donated emergency items, which were then distributed by humanitarian associations in Ukraine.

## Mental health first aiders

For students, the University of Luxembourg should be an inclusive place to study. Therefore, students receive support from the Student Services team. “Besides our daily support for students, we developed a reasonable adjustments guide to respond to the needs of students with a medical or mental disability and launched the Inclusion Talk series in collaboration with the Gender Equality Officer Prof. Skerdi Zanaj. We also trained a pioneering staff group as mental health first-aiders, empowering our campus community by raising awareness of and reducing stigma around mental ill health,” explains Joanna West, Team Leader at the Student Department (SEVE). In a year in which the World Health Organisation estimated an increase of 25 per cent in mental health conditions compared to the previous year, this topic has become even more relevant to ensure students’ wellbeing and success.

Gregory Dubost, Head of the Student Department, summarises: “Students are not only at the core of our work, but they are also the reason for our work. They

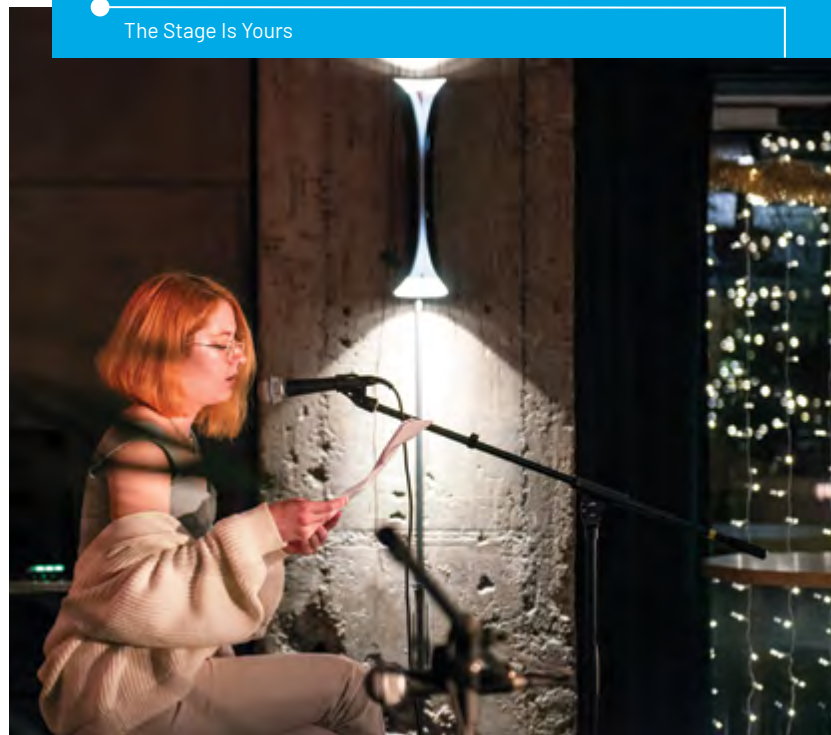
make our University an outstanding learning and research place to be. 2022 has also shown the incredible creativity of our students.” Student life was indeed marked by social events such as the first “Students in Action” day that took place to inform them about the student associations, clubs, and partners at the University.

## Extravagancia and Belval Express

The student party “Extravagancia” should thus not go unmentioned. Student associations (CCSA – Conscious and Cultural Student Association, ESN Luxembourg, SAUL – Student Association for University Campus Life) and OSL – Office of Student Life) proved participatory organisation when they asked students to vote for their preferred music genre.

The creativity of the students knew no bounds as could also be witnessed during two performances of the student theatre group BelvalExpress, “Endless Love Lies” and “My Mental Misfortune”. The University’s Cell for Cultural Affairs “Espace Cultures” supported students to organise poetry slams and exhibitions. As the student Mohammed Zanboa describes: “Student Life is part of my study experience. Because the University is not only a place to study and develop your academic skills, but it is also a place to meet people and develop social skills for life!” ■

The Stage Is Yours





## 29 student associations and clubs active on our campuses

Student associations and clubs are an essential component of university life: they offer students the opportunity to get involved beyond academics, develop valuable skills, and make friends for life.

With the support of the Office of Student Life, the student associations and clubs organise events and activities – from discussions to poetry slams and volleyball matches. The number of recognised student associations and clubs has risen steadily over the past few years, reaching 29 for the academic year 2022/2023 and ranging from sports to psychology to the newly founded student magazine ROUX, which has been a success story so far. “The feedback from both students and staff was overwhelmingly positive. The first plan was to print a run of 50 copies along with the digital edition. Within a week we were up to 500 copies, and they go very fast,” explains Zoltan Tajti, the initiator of the magazine.

Not only do the many associations and clubs devise fun and engaging activities, they also volunteer in planning and organising them, bringing students of all nationalities and degree programmes together, thus creating a foundation for lifelong friendships. ■

**Details [here](#).**

Founded by philosophy students of the university, ROUX Student Magazine has been launched in 2022, with the goal of creating a cultural object documenting student life. The aim is to connect people, to be a bridge between students, the university, and cultural life in Luxembourg. ROUX is a monthly periodical with a print run of 500 copies, also available online. ■

ROUX team (from left to right): Kasra Karami, Sofiya Kudryavtseva, Leonie Guskowksi, Kieran Salt, Eleni Mouzakiti, Zoltan Tajti (in print), Sofia Miller, Jo Yi Hoon, Kristina Shatokhina, Valère Gaube, Jacopo Moglia, Jennifer Jacquemin, José Luis Fernandes Maia



# Student Initiative Awards 2022

The University of Luxembourg honoured several student associations and clubs of their outstanding commitment in 2022

## Award to the Conscious and Cultural Student Association (CCSA)

The Conscious and Cultural Student Association (CCSA) unites two areas: the ecological and social with culture and art. With various activities such as a poetry slam, a fundraising concert and the weekly Conscious Talks, the CCSA raises awareness of social and ecological issues among the student community at the University. ■



Kristina Kudryavtseva, Vera Camacho Martins, and Aditya Damodaran



Hana Reichert, Ann Hinterscheid, Aida Dzinic, Vidiam Moreau, and Lucca Nicoletti-Astorri

## Award to the Student Association for University Campus Life (SAUL)

SAUL is the Student Association for the University Campus Life, whose main ambition is to create a vibrant student life at the University. What better place to plant the seeds of this vibrancy than the two student lounges on the Kirchberg and Belval campuses! Managed and run on a voluntary basis, SAUL uses the locations to organise a variety of social events for students. ■

## Honourable mention to the Uni.lu LGBT+ Students' Association

The Uni.lu LGBT+ Students' Association provides an open and inclusive space for everyone belonging to a sexual, romantic or gender minority to meet and exchange. Their topics, members and target groups are as diverse as the rainbow flag itself: throughout the year, they organise accessible and inclusive events like the Queer Party and regular round-table discussions where everyone is welcome to join in and have a chat. ■



Agnes Darabos, Sofia Alami Laroussi Akhriff, Maria Vintila, Elona Dupont, Seli Fries, Sammy Braun, and Kim Vasiljevic



# The students' voice: introducing the new delegation

Support, connect and inspire – these are just some of the many tasks of the Student Delegation at the University of Luxembourg. As elected representatives of the students, the members of the delegation advocate in matters of teaching and administration on the University Council, Board of Governors, as well as the Inclusion and Appeals Committees.

The new delegation, whose mandate began in November 2022, has set itself three priorities centred around housing, events and dialogue with students. While the University of Luxembourg is committed to building new residences, the housing situation for students on the private market remains challenging. In May, the Student Delegation, in collaboration with the Cohabit'Age association, organised the Intergenerational Speed Dating to give participants the opportunity to meet senior citizens who are offering a room at a reasonable price. The current delegation has followed in the footsteps of its predecessors by launching a petition to “make housing more accessible,” as the student delegate Jinyuan Wang explains.

The president of the delegation Max Bintener considers it a priority to “support student life and simply talk about

existing issues at the University.” The delegation assists the Office of Student Life in supporting the University's various associations, clubs and their initiatives. They give them a voice on the various boards and committees, while also organising get-togethers so that students can connect, exchange and learn from each other. Plans for 2023 include an event themed around sustainability and a new edition of the successful Speed Dating.

Communication is the key here, given that the Student Delegation acts as the voice of the students. They actively engage with students by informing them about decisions made by the University administration either via social media or emails while at the same time being open to suggestions and proposals. “My main motivation is to make the delegation a more present body in the lives of students, to make it more accessible and to better listen to their concerns. Only in this way can we really make a difference,” says Joana Pereira, responsible for communication and marketing in the delegation. In their role as representatives, they want to use their voice to inspire and encourage students to come forward and get involved in shaping the future path of the University – together. ■

## Student Delegation:

**Max Bintener, President**  
Master in European Banking and Financial Law (FDEF)

**Jinyuan Wang, doctoral researcher,**  
Department of Engineering (DoE)

**Joana Patricia Pereira Cardoso,**  
Master in European Business Law (FDEF)

**Aswathy Kokkottil Sudevan,**  
Master in Information and Computer Sciences (FSTM)

**Leonid Gnutov,**  
Bachelor in Mathematics (FSTM)

**Ulisse Saverio Bassi,**  
Master in European Governance (FHSE)

**Tuomas Samuli Riikonen,**  
Master in Modern and Contemporary European  
Philosophy (FHSE)

**Jacqueline-Irene Ndombo Epse Roche,**  
Master in Legislative Studies (FHSE)



From left to right: Aswathy Kokkottil Sudevan, Jinyuan Wang, Leonid Gnutov, Max Bintener, Ulisse Saverio, Joana Pereira, Samuli Riikonen, Jacqueline-Irene Ndombo



# Becoming alumni for life: three testimonials



Martin Sauer



Gregor Waltersdorfer



Agnella Serafin

Sitting in Findel airport on a rainy day and waiting for one of the last flights back to the Czech Republic – nothing went as planned for Martin Sauer after his Master's degree in European Governance at the Faculty of Humanities, Education and Social Sciences (FHSE). Completely unexpectedly, he received an email informing him that his prestigious internship at the European Court of Auditors was terminated due to COVID-19. The day after, he packed his things and two days later, he left Luxembourg. "It was kind of a fiction story," Martin tells us with a laugh. "But once the situation normalised, I immediately found a job as Energy and Climate Officer at the Ministry of Environment of the Czech Republic. Now I travel to the European institutions in Brussels almost every week. My studies were decisive in getting this job, because even though a newcomer, I found my way immediately. We had very small classes and that allowed us to gain a very practical knowledge which turned out to be a significant advantage on the job market."

## 2,000 graduates per year

On average, 2,000 alumni like Martin Sauer say goodbye to their student life at the University of Luxembourg every year and embark on professional careers. With their study experience, they act as ambassadors of the University of Luxembourg, or "become alumni for life," as the Alumni Relations Specialist Andy Adams calls it. Therefore, the University launched the alumni network at the end of 2021. In its first year, the programme recorded 800 active members and celebrated this success with a launch event at the Luxembourg House of Startups in November 2022. However, alumni connect far beyond the borders of Luxembourg, for example in Mongolia, where a national alumni network has emerged: Luxembourg goes to Mongolia!

With their network, alumni support each other throughout their professional careers. Do you want to start your own business in Luxembourg? An answer to this question provides Gregor Waltersdorfer. After his studies in Engineering, he successfully completed his PhD on products and services that foster eco-sufficient user behaviour at the Faculty of Science, Technology and Medicine (FSTM). He then decided to leave academia and become a sustainability consultant, starting the agency "Allgemengwuel Agence" to support companies in their sustainability efforts.

He attributes the success of his business to his academic and professional experience at the University: "My studies at the University helped me a lot to become self-employed, since I needed to be very proactive in finding a research gap, planning the research process, and designing an empirical study. After the PhD defence, my mentors at the University's Incubator encouraged me to digitalise my service through an app, which I launched at the Pop-Up store in Esch-sur-Alzette in September 2022.

An experience that Agnella Serafin shares: she got a job offer before even having finished her studies in sustainable finance at the Faculty of Law, Economics and Finance (FDEF). "The University created a very intense and broad curriculum, inviting many teachers from all over the world. Apart from the knowledge, the most valuable aspect was that I was able to create my own professional network, including through the Alumni programme," she summarises. Now Agnella Serafin works as a Deputy Chief Compliance Officer at the global investment firm MFS Investment Management in Luxembourg, doing what she really likes because she is making a difference: "I can finally make a connection between finance and doing something good for the world." ■

# Knowledge and technology transfer for the society

One of the three essential missions of a university concerns the transfer of its research results for the benefit of society. Knowledge and technologies are valorised with the aim of creating a positive societal, economic and sustainable impact. How can people learn to better cooperate again? How can digital technologies be used so that people have better experiences when learning and working together? Researchers from the University of Luxembourg want to investigate all this together with public and private partners from the academic, societal, and business world.

Behind the programme COLLABORATION 21 are six groups from the Faculty of Humanities, Education and Social Sciences (FHSE), two from the Faculty of Science, Technology and Medicine (FSTM) one from the Interdisciplinary Centre for Security, Reliability and Trust (SnT). The interdisciplinary research programme responds to pressing 21<sup>st</sup> century challenges such as the shortage of collaboration skills and the recent pandemic-induced "social distancing". It aims to leverage digital technologies to enhance people's experience for better collaborative learning and working. The programme is supported by the National Research Fund (FNR), the US telecommunications giant Cisco and the Luxembourg agency SCRIPT. And the Office for Partnership, Knowledge and Technology Transfer (PaKTT) of the University. Because behind the scenes, its head Dr. Christophe Haunold and his team ensure that such cooperations take place in an appropriate framework to optimise the chances of success.

"Three years ago, the University realised that it needed to coordinate its efforts in technology and knowledge transfer and partnerships in the form of a dedicated PaKTT Office, which counts today six individuals" he says. Since then, the PaKTT Office has been supporting a wide variety of projects and innovations by the University's researchers with public and industrial partners. In addition to COLLABORATION 21, one of last year's research project was "Remixing Industrial Pasts in the Digital Age: Sounds, Images, Ecologies, Practices and Materialities in Space and Time" by the Luxembourg Centre for Contemporary and Digital History (C<sup>2</sup>DH). Using digital tools, this was a contribution to the European Capital of Culture Esch2022. From the Luxembourg Centre for Systems Biomedicine (LCSB) there were remarkable cooperation projects such as moveIT. This project aims to reduce the risk of falling of the patients with the help of wearable gait and fall sensors. And from the SnT, the Smart grids project is one of the successful partnerships of the year to optimize power grids and energy consumption habits as well as to accelerate the transition to a sustainable energy landscape in Luxembourg.

## From the idea towards application

However, research cooperation is not the only part of what the University has put in place. The PaKTT Office is helping to ensure that the results of research find their way into everyday life. "When researchers come to us with an idea, we check with them the best way to move towards an application," explains Haunold. "Because there are several ways to support them in getting their research results out there." One of them is the creation of a spin-off. The PaKTT team accompanies researchers from the initial reflections with other actors in the Luxembourg innovation eco-system to the provision of young companies with the necessary licences on the University's intellectual property.

"Last March, we signed contracts with two of our spin-offs granting them licences," says Haunold. These are, on the one hand, the LCSB spin-off NIUM, which creates personalised nutrition recommendations by analysing the microbiome and metabolism. And on the other, Magrid Learning Solution by the FHSE, which promises individual help to children with learning difficulties in mathematics. "This means that the two companies can now take the next big step and push ahead with their search for investors." ■







In 2022, Esch-sur-Alzette organised with 10 Luxembourgish municipalities and eight municipalities in France events to showcase the cultural diversity of Europe. Along with Novi Sad in Serbia and Kaunas in Lithuania, Esch-sur-Alzette was appointed European Capital of Culture in 2022. And the University was right at the heart of it!

## Science meets culture at Esch2022

The diversity of cultures was put in the spotlight in 2022. Esch-sur-Alzette celebrated with 10 Luxembourgish municipalities and eight French municipalities the European Capital of Culture. Under Rector Stéphane Pallage's motto "be inspired and inspiring," scientists and researchers of the University developed projects to prove the link between science and culture. Together they transformed the campus into a vibrant stage.

Esch2022-projects of the University put the spotlight on untold stories of Luxembourg. Researchers, a photographer, a playwright, and a sound artist presented the daily life of people in the border area of Belval in "Remix Place". A PhD researcher of the Centre for Contemporary and Digital History (C<sup>2</sup>DH) unveiled the story of the "Colônia Luxemburguesa" in the Brazilian tropical forest (see also page 19). In an audiovisual format, she showed how Luxembourgish people migrated into Brazilian society. For the project "Remixing Industrial Pasts in the Digital Age" a team of historians, anthropologists, and designers explored the history of cultures, populations, and territories of the Minett region.

Artificial Intelligence also played an important part in Esch2022. A fulminant conclusion of the project "Sound of Data" took place in the form of a large concert at the Rockhal in Belval. This collaborative project with the Luxembourg National Research Fund (FNR), Rockhal / Rocklab, and the Luxembourg Institute of Science and Technology (LIST) showed how data could be transformed into sound. During the year, the Department of Computer Science opened the pavilion "AI&Art" for the public to experience the connection between science and industrial heritage.

Fully in line with the current sustainability debate, engineers and architects of the Department of Geography and Spatial Planning built a tiny house. This "Petite Maison" consisted in its entirety of materials that can be reused at the end of the year. The small building also had a practical use, serving as a meeting point to discuss the topics of resilient architecture and circularity in a broader sense or to simply enjoy a coffee with colleagues.

These projects of the University of Luxembourg invited everybody to discover the cultures of Europe and to learn about research in a creative way. They also offered a platform to meet, because — as Rector Stéphane Pallage concluded — "culture has the unique power to bring us closer again. To revitalise the campus of the University of Luxembourg." ■

## A man of action in the service of science



Norbert Friob

The well-known Luxembourg entrepreneur Norbert Friob is one of the earliest donors supporting the University of Luxembourg.

Norbert Friob, Luxembourg building contractor, president of the FNP construction group, book author, and long-time chairman of the “Confédération luxembourgeoise du commerce” in the 1990s, is a real doer. Coming from a modest family, he started as a technician in the steel industry, then became a passionate businessman and founded or participated in the creation of more than 50 companies in his long and successful career.

“When someone complains that something should be done, I always reply: don’t wait for others to take the initiative – just do it yourself!”, says the 81-year-old serial entrepreneur. Don’t talk long, but act – Friob also approached his social commitment with the same attitude and drive. Whether for UNICEF, for tree-planting campaigns in Africa or for Red Cross disaster relief, Friob has been mobilising people and organising successful fundraising events since the 1980s, often on behalf of his Rotary Service Club.

Norbert Friob is one of the first and most loyal donors to the University of Luxembourg. When he talks about one of his first actions in favour of research, his eyes begin to

Collecting donations is like entrepreneurship: if it works, it gives me a satisfaction that cannot be paid for with money.

Norbert Friob

sparkle. This action is called “Espoir en tête” and was started by Rotarians in France. The idea is to invite people to a movie premiere and the money collected via the ticket sales goes to research. The French colleagues let Luxembourg adopt the principle as well and this is how Norbert Friob mobilised funding for research into neurodegenerative disorders such as Parkinson’s disease at the Luxembourg Centre for Systems Biomedicine (LCSB). The researchers use the money to buy laboratory materials, for example. “The use of the donations is very transparent, and I can find out and see for myself at the annual donors’ event,” emphasises Friob.

Norbert Friob’s father died of multiple sclerosis in mid-life, which is also a neurodegenerative disorder. “I myself was always doing well in life, so I said to myself: give something back to the community out of gratitude,” says Friob, today himself a grandfather of 10 grandchildren. Since it was a good tradition in his company to donate, it was important to him to continue this tradition and secure it in the long run when he retired from the company management. This is how the idea came about of setting up his own foundation using his fortune. The mission of the “Fondation Norbert Friob & Fils”, created in 2021, is the support of brain research and entrepreneurship. Apart from funds for biomedical research at the University, Friob’s foundation has recently started to support the activities of the University of Luxembourg Incubator as well.

He is convinced that there is still great potential for fundraising in Luxembourg and calls for other representatives of the business world to become donors as well. “Collecting donations is like entrepreneurship: if it works and something meaningful comes out of it, it gives me a satisfaction that cannot be paid for with money.” ■



## Our honorary professors

The title of honorary professor is an important symbolic designation which is given in recognition of a person's special contribution to the subject areas associated with the faculty's academic activities. The University of Luxembourg is proud to have 12 honorary professors in its midst.

Name	Institution	Faculty	Department
<a href="#">Guy Berchem</a>	CHL	FSTM	Life Sciences and Medicine
<a href="#">Nico Haas</a>	General practitioner	FSTM	Life Sciences and Medicine
<a href="#">Burkhard Hess</a>	Max Planck Institut Luxembourg	FDEF	Law
<a href="#">Patrick Kinsch</a>	Barreau de Luxembourg	FDEF	Law
<a href="#">David Naccache</a>	Ecole normale supérieure, Paris	FSTM	Computer Science
<a href="#">Bettina Peters</a>	Zentrum für Europäische Wirtschaftsforschung (ZEW), Mannheim	FDEF	Economic Science and Business Administration
<a href="#">Gaston Reinesch</a>	Banque centrale du Luxembourg	FDEF	Economic Science and Business Administration
<a href="#">Hélène Fabri Ruiz</a>	Max Planck Institut Luxembourg	FDEF	Law
<a href="#">Jean-Louis Schiltz</a>	Barreau de Luxembourg	FDEF	Law
<a href="#">Hilmar Schneider</a>	Forschungsinstitut zur Zukunft der Arbeit (IZA), Bonn	FDEF	Economic Science and Business Administration Science
<a href="#">Marc Schlessner</a>	Hôpitaux Robert Schuman	FSTM	Life Sciences and Medicine
<a href="#">Christian Wagner</a>	Universität des Saarlandes	FSTM	Physics and Materials

## Our most cited researchers

University of Luxembourg professors Stéphane Bordas, Michael Heneka, Alexandre Tkatchenko, and Paul Wilmes have been ranked among the "Highly Cited Researchers" 2022 list by Clarivate. The list identifies global research scientists and social scientists who have demonstrated exceptional influence – reflected through their publication of multiple papers frequently cited by their peers during the last decade. These highly cited papers rank in the top 1% by citations for a field or fields and publication year. Of the world's population of scientists and social scientists, Highly Cited Researchers are 1 in 1,000.

Vice-Rector for Academic Affairs, Professor Catherine Léglu said: "Research and teaching are intimately connected. Students find inspiration in a research-intensive environment. When researchers are highly cited, ensuring that our activities gain international impact, this feeds back into the development of a strong university culture." ■

# Our affiliated professors

The title of affiliated professor is awarded to academics of a high professional skill for making a significant contribution to the educational missions of the University and its activities. The full list of affiliated professors at the University of Luxembourg for the year 2022 can be found below.

Name	Intitution	Faculty	Department
<a href="#">Martin Dijst</a>	LISER	FHSE	Geography and Spatial Planning
<a href="#">Frank Hertel</a>	CHL	LCSB	LCSB
<a href="#">Michel Mittelbronn</a>	LNS	LCSB	LCSB
<a href="#">Laurent Pfister</a>	LIST	FSTM	Engineering
<a href="#">Henderik Proper</a>	LIST	FSTM	Computer Science
<a href="#">Frédéric Docquier</a>	LISER	FDEF	Economic Science and Business Administration
<a href="#">Christina Gathmann</a>	LISER	FDEF	Economic Science and Business Administration
<a href="#">Jorge Íñiguez</a>	LIST	FSTM	Physics and Materials Science
<a href="#">Barbara Klink</a>	LNS	FSTM	Life Sciences and Medicine
<a href="#">Romain Seil</a>	CHL	FSTM	Life Sciences and Medicine
<a href="#">Aline Muller</a>	LISER	FDEF	Finance
<a href="#">Eugenio Peluso</a>	LISER	FDEF	Economic Science and Business Administration
<a href="#">Marc Suhrcke</a>	LISER	FDEF	Economic Science and Business Administration
<a href="#">Lucien Hoffmann</a>	LIST	FSTM	Life Sciences and Medicine
<a href="#">Ulf Nehrbass</a>	LIH	FSTM	Life Sciences and Medicine
<a href="#">Gunnar Dittmar</a>	LIH	FSTM	Life Sciences and Medicine



# Our guest professors

A guest professor is a professor at a university who is invited to teach at another university for a short period, such as one term or one year. In 2022, the University of Luxembourg was proud to host the following guest professors.

Name	Institution	Faculty	Department
Thomas Sigler	University of Queensland	FHSE	Geography and Spatial Planning
Gerard Van der Geer	Universiteit van Amsterdam	FSTM	Mathematics
Carole Schmit	Administration des Bâtiments Publics	FHSE	Geography and Spatial Planning
Carine de Beaufort	CHL	FSTM	Life Sciences and Medicine
Pascal Stammet	CGDIS	FSTM	Life Sciences and Medicine
Guillaume Vogin	Centre François Baclesse, Esch-sur-Alzette	FSTM	Life Sciences and Medicine
Pierre Hurt	Barreau de Luxembourg	FDEF	Law
El-Ghazali Talbi	Université de Lille	FSTM	Computer Science
David Baker	Pennsylvania State University	FHSE	Education and Social Work
Andrew Clark	Paris School of Economics	FHSE	Behavioural and Cognitive Sciences



# Our Governance Bodies in 2022

## The Board of Governors

The Board of Governors decides upon the University's general policies and strategies and oversees the University's activities. It is made up of 13 voting members. 11 members are appointed by the Government of which two members are proposed for nomination by the University Council. The head of the staff delegation and the president of the student delegation are also voting members of the Board of Governors. The University Rector and the Government Commissioner participate in a consultative capacity in Board of Governors meetings.

### Members of the Board

- Yves Elsen, Managing Director and CEO of HITEC, Chair of the Board
- Kristín Ingólfssdóttir, President em. of the University of Iceland, Vice-Chair of the Board
- Nikola Kaserova, Chair of the Student Delegation (for the duration of her elected mandate - until 21 September 2022)
- Patrick Leske, Chair of the Student Delegation (for the duration of her elected mandate - from 22 September until 31 October 2022)
- Max Bintener, Chair of the Student Delegation (for the duration of her elected mandate - from 1 November 2022)
- Yvonne Flour, Professor em. and former Vice-President of the Board of the University Panthéon-Sorbonne Paris 1
- Michel Goedert, Group Leader at Medical Research Council Laboratory of Molecular Biology at Cambridge and Honorary Professor em. at the University of Cambridge
- Gérard Hoffmann, CEO and Managing Director of Proximus Luxembourg S.A.
- Paul Lesch, Director of the Centre national de l'audiovisuel
- Claudine Moulin, Professor at the University of Trier
- Virginie Mucciante, President of the staff delegation (for the duration of her elective mandate)
- Anke Müßig, Professor at the University of Luxembourg
- Georges Steffgen, Professor at the University of Luxembourg
- Jeannot Trampert, Professor at the University of Utrecht
- Sandra Visscher, Director of the Luxembourg Committee for UNICEF

### Participants without voting rights

- Stéphane Pallage, Rector
- Léon Diederich, Government Commissioner

### General Secretariat

- Massimo Malvetti, Secretary General
- Anne Christophe, Deputy Secretary General

## The University Council

The University council assists the Rectorate in the development of the multi-year development plan and deliberates on the pedagogical and scientific affairs of the University. The University Council is composed of 39 members as follows:

### President of the University Council

- Paul Heuschling

### Voting members

Cédric Laczny, Pascal Bouvry, Audrey Collard, Elena Danescu, Anne Feltz, Antoine Fischbach, Anne Grünewald, Paul Heuschling, Jacques Klein, Ruth Lau, Aymeric Le Drezen, Patrick Leske, Anke Müßig, Andreia Pinto Coelho da Costa, Elisabeth Schaffner-Reckinger, Jang Schiltz, Frédérique Boulanger, Adolfo Sommarribas, Georges Steffgen, Imen Derouiche, Susanna Zohrabyan.

### Non-voting members

Andreas Fickers, Jörg Gerkrath, Michael Heneka, Jens Kreisel, Katalin Ligeti, Massimo Malvetti, Georg Mein, Philippe Wisler, Björn Ottersten, Stéphane Pallage, Jean-Marc Schlenker, Skerdilajda Zanjaj, Joanna West.

## The Rectorate in 2022



**Prof.  
Stéphane Pallage**  
Rector (until 12/2022)



**Prof.  
Catherine Léglu**  
Vice-Rector for  
Academic Affairs



**Prof.  
Jens Kreisel**  
Vice-Rector  
for Research  
(until 12/2022)  
Rector (as of  
1/2023)

## Director of Administration and Finance



**Philippe Wisler**  
(ad interim)

## Deans of Faculties and Directors of Interdisciplinary Centres



**Prof.  
Jean-Marc Schlenker**  
Dean of the Faculty of  
Science, Technology  
and Medicine



**Prof.  
Katalin Ligeti**  
Dean of the  
Faculty of Law,  
Economics and  
Finance



**Prof.  
Georg Mein**  
Dean of the Faculty  
of Humanities,  
Education and  
Social Sciences



**Prof.  
Björn Ottersten**  
Director of the  
Interdisciplinary Centre  
for Security, Reliability  
and Trust



**Prof.  
Michael Heneka**  
Director of the  
Luxembourg  
Centre for  
Systems  
Biomedicine



**Prof.  
Andreas Fickers**  
Director of the  
Luxembourg  
Centre for  
Contemporary  
and Digital  
History





Management and Staff of the University of Luxembourg during Rector Jens Kreisel's inauguration





## Student registrations by degree



Total number of student registrations: **7,267**

## Student registrations by faculty

Faculty of Science, Technology and Medicine	2,419
Faculty of Law, Economics and Finance	2,577
Faculty of Humanities, Education and Social Sciences	2,178
University of Luxembourg Competence Centre	93

## Graduates by degree



Total number of graduates: **1,974**

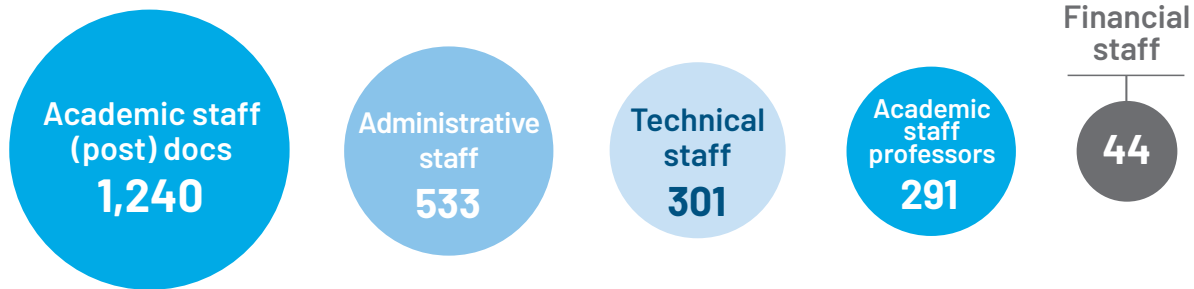
## Graduates by faculty

Faculty of Science, Technology and Medicine	474
Faculty of Law, Economics and Finance	866
Faculty of Humanities, Education and Social Sciences	597
University of Luxembourg Competence Centre	37

Total of student nationalities: **132**



## University staff\*



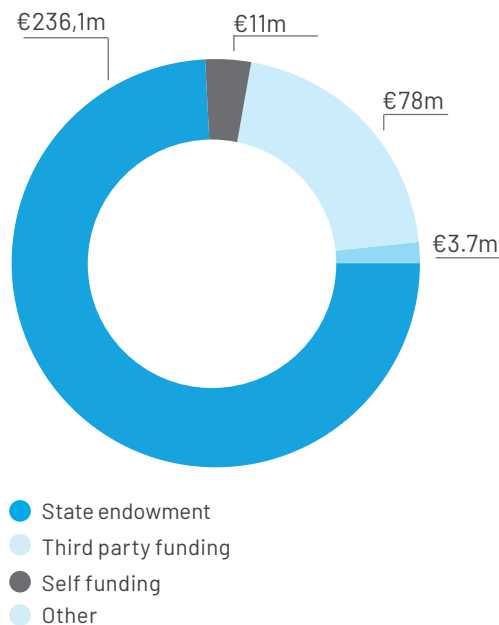
Total staff: **2,409**

\* Headcount as of 31 December 2022

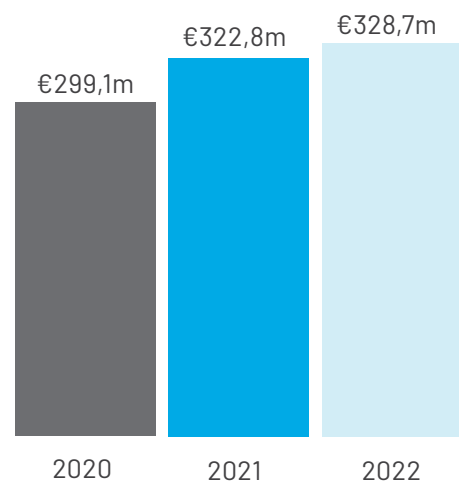
## Publications 2022



## University Budget in 2022



## Budget Evolution 2020-2022



# Rankings

## THE World University Rankings 2022-2023

The THE Young Universities Ranking evaluates world-class universities against 13 separate performance indicators, covering the full range of a top university's essential areas of activity: research; industry income; international outlook; and, uniquely, the teaching environment. In their 2023 edition, **the University of Luxembourg has advanced to the top 250 universities out of more than 1,600 entrants worldwide.**



In terms of international outlook, which measures the ability of a university to attract undergraduates, postgraduates, and faculty from all over the world, as well as its international collaborations, the University of Luxembourg came in an impressive fourth place – underlining its place among the world leaders.

The research indicator reflects a university's reputation for research excellence among its peers, the research income and the number of publications in academic journals. In this criterion, the University of Luxembourg has improved significantly over the years, reaching its highest value to date at 39.8.

The latest ranking in industry income also shows an improvement, coming in at 51.2. Again, this represents the highest ever score achieved by the University of Luxembourg.

Ranked by subject, Law stands out strongly in 68<sup>th</sup> place, while Computer Science remains among one of the world's top performers in the 101-125 bracket. Engineering and Life Sciences are also internationally regarded as offering excellent degrees and rank in the 126-150 bracket.

## Young University Rankings 2022

The THE Young Universities Ranking analysed 539 universities worldwide that are 50 years old or younger. In the most recent edition, the **University of Luxembourg ranks 25<sup>th</sup> in the world.** ■

## U-Multirank 2022

U-Multirank is multi-dimensional and compares university performances in the different activities that they are engaged in. It is not confined to research, but takes into account different aspects and dimensions of the performance of universities: teaching and learning, research, knowledge transfer, international orientation and regional engagement.

**The University of Luxembourg has been awarded the highest grade, Score A (very good)** in research publications, external research income, citation rate, and postdoctoral positions. The top score was also received for top cited publications and professional publications. ■

## CWTS Leiden Ranking 2022

The Leiden Ranking is produced by the Centre for Science and Technology Studies (CWTS) at Leiden University in the Netherlands. It offers important insights into the scientific performance of over 1,300 major universities worldwide, based on the number of their publications indexed in the Web of Science in the period 2017-2020.

**The University of Luxembourg ranks 54<sup>th</sup> in the world** among the universities with the 1 per cent most cited publications in their field, in proportion of the number of articles published. The University also comes in 102<sup>nd</sup> out of 1,318 for its number of open access publications, placing it in the top 7.7 percentile for the "Open publications" indicator. As for the "Top 10% publications," the 10 per cent most frequently cited publications in their respective fields, the **University counts among the top 8.8 percentile for its "Top 10% publications".** ■

# Grants and chairs

## European Research Council (ERC)

The ERC, set up by the European Union in 2007, is the premier European funding organisation for excellent frontier research. It funds creative researchers of any nationality and age, to run projects based across Europe with the mission to encourage the highest quality research in Europe through competitive funding and to support investigator-driven frontier research across all fields, based on scientific excellence.

The ERC offers 5 main grant schemes: Starting Grants, Consolidator Grants, Advanced Grants, Synergy Grants and Proof of Concept Grants.

### Current grant holders and chairs

Prof. Björn Ottersten (Advanced Grant)	Prof. Paul Wilmes (Consolidator Grant)
Prof. Jean-Sébastien Coron (Advanced Grant)	Prof. Tegawendé Bissyande (Starting Grant)
Prof. Daniele Brida (Consolidator Grant)	Prof. Alexander Tkatchenko (Advanced Grant)
Prof. Anja Leist (Starting Grant)	Prof. Alexander Tkatchenko (Proof of Concept Grant)
Prof. Mark Podolskij (Consolidator Grant)	Prof. Jan Lagerwall (Proof of Concept Grant)

## FNR PEARL Chairs

With the PEARL programme, the FNR offers Luxembourg research institutions attractive funding to enable them to draw established and internationally recognised researchers to Luxembourg.

PayPal-FNR PEARL Chair in Digital Financial Services (DFS)	Prof. Gilbert Fridgen
Chair in Digital History Advanced Research Projects Accelerator (DHARPA)	Prof. Sean Takats
Chair in Digital Medicine (dHealthPD)	Prof. Jochen Klucken
Chair in Alzheimer's Disease Research (MINIALZ)	Prof. Michel Heneka





## FNR ATTRACT Fellows

The FNR ATTRACT programme is designed for researchers not yet established in Luxembourg, who demonstrate the potential to become leaders in their field of research. The scheme offers promising junior researchers the opportunity to set up their own research team within one of the country's research institutions.

Modelling idiopathic Parkinson's disease-associated somatic variation in dopaminergic neurons (Model IPD)	Prof. Anne Grünewald (ATTRACT Starting Grant)
Scientifically validated digital learning environments (DIGILEARN)	Prof. Pedro Cardoso-Leite (ATTRACT Consolidator Grant)
Surface and interface science on photovoltaic materials (SUNSPOT)	Prof. Alex Redinger (ATTRACT Consolidator Grant)
Microbial Biophysics of Rapid Adaptation in Changing Environments (MBRACE)	Prof. Anupam Sengupta (ATTRACT Starting Grant)
Environmental Cheminformatics to Identify Unknown Chemicals and their Effects (ECHIDNA)	Prof. Emma Schymanski (ATTRACT Consolidator Grant)
Involving public history as a new participatory model for interpreting the past Law	Prof. Thomas Cauvin (ATTRACT Consolidator Grant)
Statistical Mechanics of Active Matter (SMAC)	Prof. Etienne Fodor (ATTRACT Starting Grant)
PRO-Active Policymaking for Equal Lives (PROPEL)	Prof. Lindsay Flynn (ATTRACT Consolidator Grant)
Quantum dynamics and control	Prof. Aurélia Chenu (ATTRACT Consolidator Grant)

## ERA Chairs

The European Research Area (ERA) Chair increases research capacity by attracting high-level researchers to a widening university or research centre and supports excellent scientists and their teams to become game changers in their field.

ERA Chair in Mathematical Statistics and Data Science (SANDAL)	Prof. Yannick Baraud
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## Endowed Chairs

Endowed Chairs – Professorships funded by a private or public external Partner – act as a strategic accelerator for academic and research excellence and socio-economic impact. They are an important feature of the University of Luxembourg in its continued development as a leading international research university.

## Public Chairs

Research Chair in Parliamentary Studies	Prof. Philippe Poirier
Chair in Urban Development Research for Esch-sur-Alzette	Prof. Markus Miessen
ADA Chair in Financial Law (Inclusive Finance)	Prof. Dirk Andreas Zetzsche
Chair in Sustainable Finance	Prof. Michael Halling
Chair in Cyber Policy	Pending recruitment
Arendt and Elvinger Hoss Prussen Chair in Investment Fund Law	Prof. Isabelle Riassetto

## Industrial Chairs

ATOZ Chair for European and International Taxation	Prof. Werner Haslehner
ArcelorMittal Chair of Steel Construction	Prof. Christoph Odenbreit
Chair in Capital Markets and Post-Trade	Pending recruitment
SES Chair in Satellite Communications and Media Law	Prof. Mahulena Hofmann
Chair in Entrepreneurship and Innovation	Prof. Mickaël Géraudel
Paul Wurth Chair of Energy Process Engineering	Prof. Bradley Ladewig

## Public-Private Chairs

Chair in Digital Procurement	Prof. Nils Löhndorf
PayPal-FNR PEARL Chair in Digital Financial Services	Prof. Gilbert Fridgen

# Horizon Europe (2021-2027) Projects

Horizon Europe is the EU's key funding programme for research and innovation. The programme tackles climate change, helps to achieve the UN's Sustainable Development Goals and boosts the EU's competitiveness and growth.

Call	Faculty/ IC	Responsible/ PI within University	Project Acronym	Role of the University
AMIF-2021-AG-EMN	FHSE	Birte NIENABER	LU EMN NCP ACUMEN	Coordinator
DIGITAL-2021-CLOUD-AI-01	LCSB	Christophe TREFOIS	GDI	Partner
DIGITAL-2021-QCI-01	SnT	Symeon CHATZINOTAS	Lux4QCI	Coordinator
DIGITAL-2022-DEPLOY-02	SnT	Gilbert FRIDGEN	EBSI-VECTOR	Partner
ERASMUS-EDU-2021-PEX-EMJM-MOB	SnT	Yves LE TRAON	CYBERUS	Partner
ERASMUS-EDU-2021-PEX-EMJM-MOB	FHSE	Heinz SIEBURG	TNGS EMJM	Partner
ERASMUS-EDU-2021-PEX-TEACH-ACA	FHSE	Claude SCHEUER	PhysEd-Academy	Partner
ERASMUS-EDU-2022-CBHE	FSTM	Elisabeth LETELLIER	BIONET	Partner
ERASMUS-SPORT-2022-SCP	FHSE	Claude SCHEUER	ePhyLi	Partner
ERASMUS-SPORT-2022-SCP	FHSE	Claude SCHEUER	MSC	Partner
ERC-2021-ADG	FSTM	Alexandre TKATCHENKO	FITMOL	Coordinator
ERC-2022-POC1	FSTM	Jan LAGERWALL	REVEAL	Coordinator
EU4H-2021-PJ2	LCSB	Regina BECKER	CAN.HEAL	Partner
EU4H-2022-PJ2	FHSE	Vitalii KLYMCHUK	U-RISE	Partner
EUAF-2022-TRAI	FDEF	Stanislaw TOSZA	2022-LU-EL- EVADMIN	Coordinator
HORIZON-CL2-2022- TRANSFORMATIONS-01	FDEF	Michel BEINE	DYNAMIG	Partner
HORIZON-CL2-2022- TRANSFORMATIONS-01	FHSE	Robin SAMUEL	paths2include	Partner
HORIZON-CL4-2021-HUMAN-01	SnT	Symeon CHATZINOTAS	TALON	Partner
HORIZON-CL4-2021-SPACE-01	SnT	Symeon CHATZINOTAS	TRANTOR	Partner
HORIZON-CL4-2022-HUMAN-01	FHSE	Vincent KOENIG	THEIA-XR	Partner



Call	Faculty/ IC	Responsible/ PI within University	Project Acronym	Role of the University
HORIZON-CL5-2021-D3-02	FSTM	Susanne SIEBENTRITT	SITA	Partner
HORIZON-CL5-2022-D5-01	SnT	Sylvain KUBLER	AVATAR ACUMEN	Partner
HORIZON-CL5-2022-D5-01	SnT	Miguel OLIVARES MENDEZ	AIRSHIP	Partner
HORIZON-CL5-2022-D6-02	FSTM	Francesco VITI	ACUMEN	Partner
HORIZON-EIC-2021- PATHFINDERCHALLENGES-01	FSTM	Luis LEIVA	SYMBIOTIK	Coordinator
HORIZON-HLTH-2021-DISEASE-04	LCSB	Paul WILMES	BE READY	Partner
HORIZON-HLTH-2022-DISEASE-06- two-stage	LCSB	Rejko KRUEGER	SIMPATHIC	Partner
HORIZON-INFRA-2021-DEV-02	FSTM	Pascal BOUVRY	SLICES-PP	Partner
HORIZON-JU-IHI-2022-01-04	LCSB	Venkata SATAGOPAM	IDERHA	Partner
HORIZON-JU-SNS-2022 STREAM-B-01-02	SnT	Symeon CHATZINOTAS	TERRAMETA	Partner
HORIZON-JU-SNS-2022 STREAM-B-01-03	SnT	Symeon CHATZINOTAS	ETHER	Coordinator
HORIZON-MISS-2021-CIT-02	SnT	Sylvain KUBLER	ASCEND	Partner
HORIZON-MSCA-2021-COFUND-01	Central	Jens KREISEL	YIA	Coordinator
HORIZON-MSCA-2021-DN-01	FSTM	Alexandre TKATCHENKO	PHYMOL	Partner
HORIZON-MSCA-2021-PF-01	FSTM	Etienne FODOR	NewGenActive	Coordinator
HORIZON-MSCA-2021-PF-01	FSTM	Peter PLAPPER	BALSAM	Coord
HORIZON-WIDERA-2021-ACCESS-03	C <sup>2</sup> DH	Thomas CAUVIN	EUROPAST	Partner
HORIZON-WIDERA-2022-ERA-IBA	Central	Aliénor DIDIER	ERA TALENT	Partner
JUST-2021-JACC	FDEF	Silvia ALLEGREZZA	DigiRights	Partner

# FNR Projects accepted in 2022

The Luxembourg National Research Fund (FNR) is the main funder of research activities in Luxembourg. They invest public funds and private donations into research projects in various branches of science and the humanities, with the mission to set up a sustainable world-class research system in Luxembourg that will generate a societal and economic impact in key strategic areas.

FNR Program	Faculty/ IC	Responsible/ PI within University	Project Acronym	Role of the University
AFR bilateral	SnT	Tegawendé BISSYANDE	BURGEON	Coordinator
AFR bilateral	FSTM	Bradley LADEWIG	APM-ML	Coordinator
AFR bilateral	FSTM	Luis LEIVA	Scriptor	Coordinator
AFR bilateral	LCSB	Carole LINSTER	QuLuPEX	Coordinator
AFR bilateral	FSTM	Ivan NOURDIN	GRAALS	Coordinator
AFR bilateral	SnT	Miguel Angel OLIVARES MENDEZ	LUNAR-SLAM	Coordinator
AFR bilateral	FSTM	Jean-Marc SCHLENKER	RESURFACE	Coordinator
AFR individual	FHSE	Isabelle ALBERT	PAM-SWB	Coordinator
AFR individual	FDEF	Joachim ARTS	ECO-CLSC	Coordinator
AFR individual	SnT	Domenico BIANCULLI	DISCO	Coordinator
AFR individual	SnT	Alexei BIRYUKOV	CDCP	Coordinator
AFR individual	FSTM	Stéphane BORDAS	CHAMP	Coordinator
AFR individual	SnT	Pascal BOUVRY	ASTRAL	Coordinator
AFR individual	SnT	Maxime CORDY	UNISACS	Coordinator
AFR individual	SnT	Raphael FRANK	ACDC	Coordinator
AFR individual	LCSB	Jorge GONÇALVES	ERGI-GRN	Coordinator
AFR individual	FSTM	Joachim HANSEN	ReCare	Coordinator
AFR individual	FHSE	Abba-Lena HÖGENAUER	GREENAGRI	Coordinator
AFR individual	FHSE	David HOWARTH	Green-CB	Coordinator
AFR individual	SnT	Jacques KLEIN	LAAR	Coordinator
AFR individual	FHSE	Anna Elena KORNADT	AutAge	Coordinator
AFR individual	FSTM	Elisabeth LETELLIER	CAFinim	Coordinator

FNR Program	Faculty/ IC	Responsible/ PI within University	Project Acronym	Role of the University
AFR individual	SnT	Yves LE TRAON	GNNRobustStudy	Coordinator
AFR individual	FSTM	Stephan LEYER	EXPCOAGMD	Coordinator
AFR individual	FSTM	Antonella PERUCCA	REOC	Coordinator
AFR individual	FHSE	Robin SAMUEL	BNMA	Coordinator
AFR individual	SnT	Jose Luis SANCHEZ LOPEZ	RoboSAUR	Coordinator
AFR individual	FDEF	Roberto STERI	OCDBR	Coordinator
AFR individual	FSTM	Felix Norman TEFERLE	DF4CM	Coordinator
AFR individual	C <sup>2</sup> DH	Machteld VENKEN	TransARB	Coordinator
AFR individual	SnT	Holger VOOS	MOCCA	Coordinator
BRIDGES	SnT	Maxime CORDY	TIMELESS	Coordinator
BRIDGES	SnT	Raphael FRANK	PRIME	Coordinator
BRIDGES	SnT	Gilbert FRIDGEN	FlexBeAM	Coordinator
BRIDGES	FSTM	Filip JANASZ	SELENA	Coordinator
BRIDGES	FSTM	Elisabeth LETELLIER	PREImuno2	Coordinator
BRIDGES	FSTM	Stephan LEYER	DIRECT 2	Coordinator
CORE	FSTM	Tirthankar BANERJEE	ActiveTurbulence	Coordinator
CORE	SnT	Domenico BIANCULLI	LOGODOR	Coordinator
CORE	SnT	Alex BIRYUKOV	CryptoFin	Coordinator
CORE	SnT	Pascal BOUVRY	SERENITY	Coordinator
CORE	SnT	Marcus Völz	FM-CReST	Coordinator
CORE	FSTM	Ines CHIH	SMOD-SHA	Coordinator
CORE	FSTM	Adolfo DEL CAMPO ECHAVARRIA	BeyondKZM	Coordinator
CORE	FSTM	Adolfo DEL CAMPO ECHAVARRIA	AQCQNET	Coordinator
CORE	FSTM	Ehsan EBRAHIMI	QSP	Coordinator
CORE	FHSE	Pascale ENGEL DE ABREU	CHAMP	Coordinator
CORE	SnT	Hui HUANG	SoilRF	Coordinator



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CORE	FSTM	Aritra KUNDU	NDFluc	Coordinator
CORE	FSTM	Tomer LIBAL	ExAILEe	Coordinator
CORE	LCSB	Carole LINSTER	NAXDivo	Coordinator
CORE	FHSE	Annika LUTZ	VR BIAS	Coordinator
CORE	SnT	Andreas MAKOTO HEIN	SAMP	Coordinator
CORE	FSTM	Sjouke MAUW	AVVA	Coordinator
CORE	SnT	Bjorn OTTERSTEN	METSA	Coordinator
CORE	SnT	Michail PAPADAKIS	MeMoRIA	Coordinator
CORE	FHSE	Christoph PURSCHKE	TRAVOLTA	Coordinator
CORE	FHSE	Thomas RALEIGH	EAI	Coordinator
CORE	SnT	Peter RYAN	SpaceVote	Coordinator
CORE	SnT	Jose-Luis SANCHEZ- LOPEZ	DEUS	Coordinator
CORE	FSTM	Thomas SCHMIDT	DeQuSky	Coordinator
CORE	LCSB	Jens SCHWAMBORN	MidStrIPD	Coordinator
CORE	SnT	Bhavani SHANKAR MYSORE RAMA RAO	S3	Coordinator
CORE	FSTM	Susanne SIEBENTRITT	FULL	Coordinator
CORE	FDEF	Roberto STERI	ACQUIT	Coordinator
CORE	FDEF	Martin STIERLE	BUGPAF	Coordinator
CORE	SnT	Holger VOOS	COSAMOS	Coordinator
CORE	SnT	Thang Xuan VU	RUTINE	Coordinator
CORE	FSTM	Ludger WIRTZ	ExcPhon	Coordinator
INDUSTRIAL FELLOWSHIPS	SnT	Djamila AOUADA	CASCADES	Coordinator
INDUSTRIAL FELLOWSHIPS	FSTM	Jack HALE	COAT	Partner
INDUSTRIAL FELLOWSHIPS	FDEF	Anne LANGE	PM-EF	Partner
INDUSTRIAL FELLOWSHIPS	FSTM	Stephan LEYER	SAFETY	Partner
INDUSTRIAL FELLOWSHIPS	FSTM	Stephan LEYER	HEWASP	Coordinator

FNR Program	Faculty/ IC	Responsible/ PI within University	Project Acronym	Role of the University
INDUSTRIAL FELLOWSHIPS	SnT	Miguel Angel OLIVARES MENDEZ	CAESAR-XR	Coordinator
INDUSTRIAL FELLOWSHIPS	FSTM	Felix Norman TEFERLE	NWPLux	Coordinator
INDUSTRIAL FELLOWSHIPS	SnT	Holger VOOS	MoCoMa	Coordinator
INTER	FSTM	Joshua BERRYMAN	COVAMINF	Partner
INTER	FDEF	Luisito BERTINELLI	ROAD	Partner
INTER	FSTM	Pascal BOUVRY	ADHOC	Partner
INTER	SnT	Gregoire DANOY	UltraBO	Partner
INTER	C <sup>2</sup> DH	Martin DÜRING	IMPRESS02	Partner
INTER	LCSB	Enrico GLAAB	PreDyT	Partner
INTER	LCSB	Enrico GLAAB	RECAST	Partner
INTER	LCSB	Michael HENEKA	REBALANCE	Partner
INTER	FDEF	Thomas KASPEREIT	ImPol	Partner
INTER	LCSB	Rejko KRUGER	DEEPEN-iRBD	Partner
INTER	LCSB	Rejko KRUGER	Gut-Brain-PD	Partner
INTER	FDEF	Katalin LIGETI	PROMODE	Partner
INTER	LCSB	Carole LINSTER	GENOMIT	Partner
INTER	C <sup>2</sup> DH	Benoît MAJERUS	MIGRASPY	Partner
INTER	FSTM	Alexandre TKATCHENKO	PHANTASTIC	Partner
INTER	FSTM	Leon VAN DER TORRE	INTEGRAUTO	Partner
INTER MOBILITY	FHSE	Pascale ENGEL DE ABREU	VUCHIPA	Mobility OUT
INTER MOBILITY	FSTM	Mael GUENNOU	LETZGROW	Mobility OUT
INTER MOBILITY	FHSE	David HOWARTH	REFA-21	Mobility IN
INTER MOBILITY	LCSB	Benoît KUNATH	PEAQ_MP	Mobility OUT
INTER MOBILITY	FSTM	Bradley Paul LADEWIG	H2-GLOBAL	Mobility IN
INTER MOBILITY	FSTM	Sjouke MAUW	SAB-ANU	Mobility OUT
INTER MOBILITY	FDEF	Tibor NEUGEBAUER	SMIC	Mobility OUT
INTER MOBILITY	FSTM	Igor POLAVSKYI	ELEMENT	Mobility IN

FNR Program	Faculty/ IC	Responsible/ PI within University	Project Acronym	Role of the University
INTER MOBILITY	FSTM	Thomas SCHMIDT	AndMTI	Mobility OUT
INTER MOBILITY	FSTM	Francesco VITI	LuxDownUnder	Mobility OUT
INTER MOBILITY	FHSE	Constanze WETH	GRASP-G	Mobility OUT
JUMP Proof-of-Concept (PoC)	SnT	Maxime CORDY	SVALINN	Coordinator
JUMP Proof-of-Concept (PoC)	SnT	Carlo DUPREL	DRONA	Coordinator
JUMP Proof-of-Concept (PoC)	SnT	Rafal GRACZYK	SHARCS	Coordinator
JUMP Proof-of-Concept (PoC)	FSTM	Jeff MANGERS	CircuRement	Coordinator
JUMP Proof-of-Concept (PoC)	SnT	Michail PAPADAKIS	IKORA	Coordinator
JUMP Proof-of-Concept (PoC)	FSTM	Anupam SENGUPTA	μ-BITS	Coordinator
NCER	LCSB	Reinhard SCHNEIDER Enrico GLAAB	CLINNOVA	Partner
OPEN	FSTM	Pieter BELMANS	AdEMAR	Coordinator
OPEN	FSTM	Ivan NOURDIN	FraMStA	Coordinator
PEARL	FSTM	Michael HENEKA	MINIALZ	Coordinator
PSP CLASSIC	FSTM	Serge HAAN	LUX:plorations Vol. 3	Coordinator
RESCOM	LCSB	Enrico GLAAB	Lecture Series on Digital Health and Digital Biomarkers	Coordinator
RESCOM	LCSB	Michael HENEKA	7 <sup>th</sup> Venusberg Meeting on Neuroinflammation	Coordinator
RESCOM	LCSB	Jochen KLUCKEN	2022 International Digital Medicine Conference Luxembourg	Coordinator
RESCOM	LCSB	Rejko KRUGER	Precision Medicine in Parkinson's disease: from lessons learned to conquering new frontiers	Coordinator
RESCOM	C <sup>2</sup> DH	Viola LORELLA	The Humanities in the Digital: Beyond Critical Digital Humanities	Coordinator



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RESCOM	FSTM	Jean-Luc MARICHAL	A Generalization of Bohr-Mollerup's Theorem for Higher Order Convex Functions	Coordinator
RESCOM	FDEF	Séverine MENETREY	Access to case law data: publicity of court decisions and legal information technology	Coordinator
RESCOM	FSTM	Ivan NOURDIN	International Conference on Malliavin Calculus and Related Topics: A Celebration of David Nualart and Anton Thalmaier (ICMC)	Coordinator
RESCOM	SnT	Bjorn OTTERSTEN	International Symposium on Computational Sensing (ISCS)	Coordinator
RESCOM	FHSE	Claude SCHEUER	5 <sup>th</sup> CIAPSE congress	Coordinator
RESCOM	FDEF	Gautham TRIPATHI	DEM Lunch Seminar Series 2022-2023	Coordinator
RESCOM	FDEF	Sergio VICENTE	Lunch Seminar of Department of Finance, FDEF (2022-2023)	Coordinator
RESCOM	SnT	Marcus VOLP	Emerging Challenges in Cybersecurity and Future Solution	Coordinator
RESCOM	LCSB	Paul WILMES	One Earth - Impacts and counter-measures to global change and effects on the biosphere	Coordinator
Ukraine add-on	FHSE	Constance CARR	DIGI-GOV	Coordinator
Ukraine add-on	FHSE	Céline DUJARDIN	SOHOME	Coordinator
Ukraine add-on	FSTM	Thomas ENGEL	SETICA	Coordinator
Ukraine add-on	LCSB	Jochen KLUCKEN	dHealthPD	Coordinator
Ukraine add-on	LCSB	Rejko KRÜGER	NCER-PD	Coordinator
Ukraine add-on	FSTM	Igor POLTAVSKYI	QML-FLEX	Coordinator
Ukraine add-on	C <sup>2</sup> DH	Denis SCUTO	WARLUX	Coordinator
Ukraine add-on	C <sup>2</sup> DH	Denis SCUTO	WARLUX	Coordinator
Ukraine add-on	FHSE	Gian Maria TORE	AAA	Coordinator

















