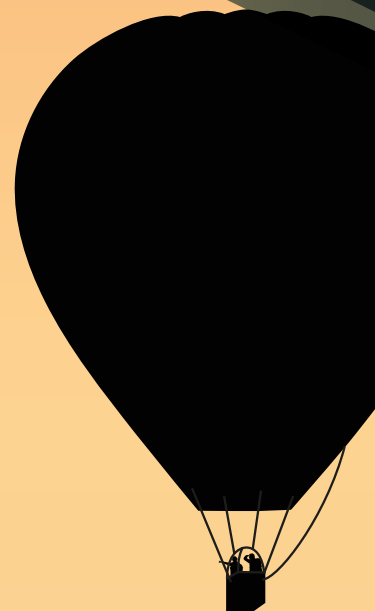


LA RÉTRO RETROSPECT 2018/2019



OPENING UP MINDS

ÉDITO RIAL

"Looking at the future
transforms the future"

Gaston Berger,
philosopher and senior French official,
co-founder of the INSA model

2018/2019 was an intense year on a number of levels. Thanks to the commitment, participation and competences of both staff and students, we were able to meet many challenges:

- > the challenge of creating hybrid training models, with the highly successful launch of INSA Sciences Po Rennes;
- > the challenge of promoting high-level research, in particular with the launch of an international Chair and our commitment to the HRS4R initiative;
- > the challenge of adding an international dimension to the institute, with the signing of agreements with new partners, notably with South Korea and Senegal;
- > the challenge of building business relations, with the implementation of our new partnership programme and the launch of the INSA Foundation;
- > and lastly, the challenge of providing a quality working environment, with the implementation of a concrete set of actions following the Quality of Working Life Survey.

In 2019/2020, let us look to the future with the common goal of preparing and training a new generation of student talent and researchers ready to address societal challenges, especially those linked to sustainable development: agents of change in a rapidly evolving society. Let us work together with companies to anticipate the trades of the future.

Let us develop a culture of curiosity and adaptability. Let us reinforce the transversal competences so crucially important in ensuring the necessary transitions.

Let us create synergies which are closely attuned to new objects as well as to changing models, trades and horizons.

Let us reinvent the relationship between our engineering schools, the business world, the student community and the local environment, and let us act with purpose.

Let us focus largely on innovation and entrepreneurship in terms of culture, approach and skill sets.

I wish all our industrial and academic partners, as well as our communities, personnel, students and alumni an excellent read.

Prof. M'Hamed Drissi
Director of INSA Rennes



THE INSTITUTE

Sustainable Development: a priority for INSA Rennes

As early as 2012, the institute had already incorporated sustainable development into its strategy. It actively contributes at both national and international level to the implementation of the Sustainable Development Goals (SDG). In the 2018/2019 academic year, concrete actions, supported by the entire INSA community, were carried out in the following priority areas:

- > modes of mobility, with a view to promoting 'soft' mobility;
- > public transport and carpooling;
- > the energy efficiency upgrade of the campus and the maintenance of green spaces;
- > the implementation of selective waste sorting on campus;
- > awareness-raising interventions for engineering students in training courses.

The main objective of the Sustainable Development week organised in May was to make students and members of staff aware of the environmental impact of using digital technologies.



key figures

the institute's total budget
in 2018

41 548 695€

224
teaching
& research staff

328
technical
& administrative staff

552
members of staff

1 sustainability
manager

a green zone
of **9** hectares
on a campus
of **17** hectares

3 INSA bee hives

The INSA Foundation: a Think & Do Tank to reconsider the relationship between academic institutions – students – companies – the local environment

The INSA Foundation is deeply rooted in the desire to support the INSA institutions in implementing, developing and diffusing a training model based on a humanistic vision of engineering, one in which engineers think and act in the interests of society. Indeed, Gaston Berger and Jean Capelle, the co-founders of the INSA model, considered an engineer to be "a philosopher in action".

Following its official launch on Sunday, 15 May 2019 on the 18th century warship the Hermione, the INSA Foundation put in place a Think & Do Tank whose goal is to reconsider the interplay between the various stakeholders [engineering schools, students, companies and the local environment]. The INSA Foundation's Think & Do Tank acts both as a forum for exchanging ideas and experiences and as a place where construction projects are jointly conceived; its objective is to develop a school which is open to its environment and attentive to its partners' expectations and needs. Basing its work on the methodology of strategic foresight elaborated by Gaston Berger, the father of "la prospective" and co-founder of INSA, the Think & Do Tank develops and tests innovations in respect of the relationship between engineering schools, students, companies and the local environment. It brings together economic and academic decision makers from both the public and private sectors, the Business Relationship Managers within INSA, engineering students, graduates and the lecturer-research personnel.

Music students in French Guyana

In April of this year, the Jazz band of the Department of Music at INSA Rennes took part in the "Orchestral Nomads in the Amazon" festival in Guyana. The festival brought together several Big Bands from Guyana, Brazil, Spain and France for a week. In playing together with the other orchestras and participating in different workshops, the musicians worked on the musical aesthetics of Guyana, South America and the Caribbean, whilst sharing their experiences. This trip gave music students a unique opportunity to meet musicians from different backgrounds and origins, to work and share experiences with them and to learn new musical aesthetics. For a whole week, the students were completely immersed in music, providing them with a tremendous opportunity to learn, develop and perfect their music-making skills through contact with other musicians from different cultures.



INSA Rennes offers four courses in the field of arts: Music, Drama, Lighting and Visual Arts. The INSA Group are planning to create a fifth course: High-level Artists

Samuel Dubois, Director of Human Resources at INSA Rennes, talks to us about Quality of Life at Work



« Organisation and management methods, internal communication and transversality, meeting formats and dynamics, acces to training, opportunities for career mobility, the working environment, cohesion, conviviality and social interaction at work, services and support offered to staff... The quality of life at work covers many different subjects at the crossroads between the group and the individual. INSA Rennes wished to complement the activities which had already been undertaken based on a survey involving almost 300 agents.

On 23 May 2019, the in-house seminar held on the subject was the ideal occasion to present the results and, above all, the recommended lines of action which will enable us to continue moving forward together on this subject of major importance. »

SITE & GROUP POLICY

Signing of the agreement between the Rennes site and the CNRS

On Monday 12 November 2018, the presidents and directors of EHESP, ENSCR, ENS Rennes, INSA Rennes,

Sciences Po Rennes, the University of Rennes 1 and the University of Rennes 2 signed an agreement with Antoine Petit, President Director General of the CNRS, to develop research, innovation and attractivity at Rennes.

The aim of this agreement is to formalise their commitments and objectives for the next 5 years as part of a concerted scientific policy. With this agreement, the institutes of Rennes and the CNRS commit to strengthening their partnership in the 30 laboratories which they jointly

supervise. These mixed research units, which bring together more than 1 100 researchers and lecturer/researchers, 1 800 PhD students and over 400 administrative and technical staff in the service of scientific research, are active in the fields of chemistry and physics, biology and health, the environment, engineering, mathematics, computer science as well as in humanities and social sciences.

Another goal of this initiative is to promote the setting up of original, interdisciplinary projects and to develop European and international cooperation frameworks. It also aims at reinforcing policies in the area of infrastructure and high-level technology platforms.



A new INSA - Sciences Po Rennes diploma

In January 2020, INSA Rennes and Sciences Po Rennes, in partnership with the Ouest-Medialab cluster, are launching a training course on "Developing Digital Innovation in Journalism - Hack Media". This National Master's Diploma [Bac +6] aims at training journalists and computer experts specialised in computer-assisted reporting. The educational programme, which was developed in collaboration with experts in different fields (computer science, design, open data, video, etc.), will allow students to acquire editorial and managerial skills as well as competences in auditing, user experience and project management. After attending classes for the first three weeks of the course, every month, students on work-study programmes (with a training contract or on continuous training) will go to classes for a week and then spend the next three weeks working in a company. In this innovative study format, classes are held in both of the institutes by high-quality academics, researchers and professionals renowned in their respective areas of expertise.

More than 4 000 people participated in the consultation on the University of Rennes Project

The consultation on the University of Rennes Project, which was launched on Monday, 26 November 2018 at the "Tambour", generated 13 156 contributions in 4 weeks. Over the course of a month, around a hundred actions were proposed to the 60 000 students and staff of the seven institutes involved in creating the University of Rennes. It is the first time in the history of higher education that a participative platform has been used on this scale. More than 4 033 people

discovered the project and 977 signed up to contribute to it. After a 4-week long consultation, the platform received 13 156 contributions, of which 123 new propositions, 614 arguments and 11 410 votes. The contributions were analysed by the orientation and support committees, who took into account the propositions, votes and various points put forward when developing their projects. The validated actions were posted online on the platform: jeparticipe.univ-rennes.fr



6th Conference on Pedagogy and Training held by the INSA Group

On 16 and 17 May 2019, on the Bourges campus, the INSA Centre Val de Loire hosted the 6th Conference on Pedagogy and Training of the INSA Group. This event provided the opportunity to highlight and share teaching experiences and practices within the INSA institutes for the purpose of enriching and developing their training courses. The conference focused on three themes: the evolution of training courses, teaching methods and approaches, and putting the student at the heart of the training course. In order to facilitate the sharing of experience and knowledge, the talks took several forms: plenary conferences; debates to allow for

discussion on specific topics (student-centred teaching, internationalisation and interculturality, assessment, the evolution of science education, and training); practical workshops with situational exercises; and poster sessions. During the coffee breaks, representatives of the Gaston Berger Institute were there to exchange views on the INSA model with participants.



CURSUS IDE@: Innovate, Develop, Study, Act, Launch (New study programme at the university - PIA3)

Cursus IDE@L was officially launched at the PNRB on 12 October 2018, in the presence of representatives of the ANR. It is run by the two Rennes universities and the Alliance Rennes Tech (AgroCampus Ouest, Centrale-Supélec, EHESP, ENS Rennes, ENSAI, ENSCR, INSA Rennes, Sciences Po Rennes). The ANR has provided 13 535 M€ in funding for the project over a 10-year period (the funds,

managed by the two universities and INSA Rennes, amount to 1 121 M€ for the institutes). The project governance was implemented through a strategic committee, and a Project Manager was recruited primarily to supervise the operational implementation of the project. Cursus IDE@L follows on from the DESIR project and provides for the creation of a bank of learning blocks, that is, a set of resources, digital or

other, designed to provide students with academic and/or professional skills, including assessment, representing ECTS credits. The bank will be constantly fed and updated by the institutes involved in the project through a system of calls for expression of interest [AMI]. The first AMI was launched in April 2019 amongst the educational teams in the institutes involved in the project. Applications are currently being appraised.

INSA GROUP: AGREEMENT WITH K-STAR IN SOUTH KOREA

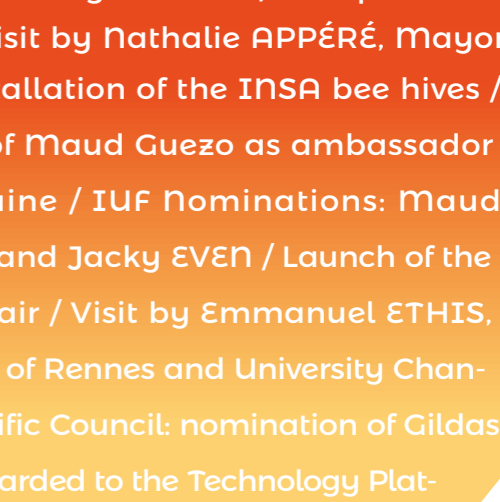
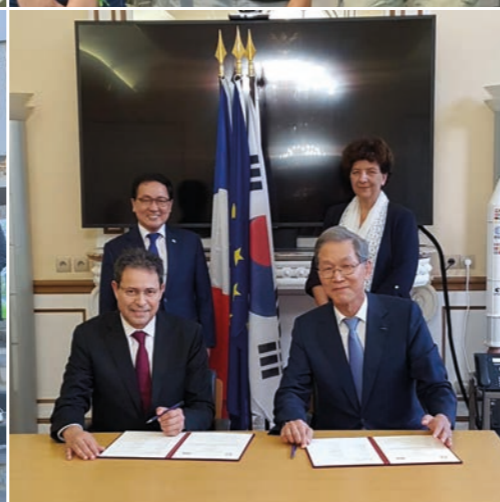


In October 2018, in the presence of Frédérique Vidal, Minister for Higher Education, Research and Innovation, the INSA Group has signed an international Framework Partnership Agreement with the K-STAR Group (Korean Universities for Science & Technology and Advanced Research), which comprises 5 institutions of higher education in South Korea. Among other things, this agreement creates the possibility for students from each of the partner institutes to participate in an exchange programme which allows them to spend up to 4 semesters abroad (one semester per year). The agreement also provides for potential partnerships in terms of research (joint publications, participation in conferences, the mobility of personnel/lecturers/researchers, etc.). At the beginning of May, a delegation from the INSA Group, led by M'Hamed DRISSI, Director of INSA Rennes, visited the Korean institutes (KAIST, DGIST, GIST, UNIST and POSTECH) in order to elaborate a new phase of cooperation with the K-STAR network. This mission enabled the group to develop relations with their 5 very motivated partners. It also laid the groundwork for the setting up of research collaborations.



THE ACADEMIC YEAR

MAJOR EVENTS



High Five / L'Odysée Jia+ / BIRDS : Play by MSc Innovation & Entrepreneurship / Workshops on Science Popularisation / Clean walking / IEEE HPEC Conference: Best student paper award for IETR / Erasmus Days / INSA Express / INSA Group: an agreement with K-STAR (South Korea) / Legendre sponsorship / Orange Day certification / PFE Eurovia Challenge / Saint Gobain Business Challenge / Visit by Frédérique VIDAL, Minister for Higher Education, Research and Innovation / Orange sponsorship / French University Kayaking Championship / Run'INSA Orange / Open Day / Awarding of Handimanager labels / Escape Game with INSA students and staff / Visit by Nathalie APPÉRÉ, Mayor of Rennes / VINCI Camp / Reinstallation of the INSA bee hives / Science festival: nomination of Maud Guezo as ambassador for Brittany and Ille-et-Vilaine / IUF Nominations: Maud MARCHAL, Kevin BERNOT and Jacky EVEN / Launch of the Artificial Intelligence Chair / Visit by Emmanuel ETHIS, Rector of the Academy of Rennes and University Chancellor / ANSSI Scientific Council: nomination of Gildas Avoine / Label awarded to the Technology Platform for Civil and Mechanical Engineering at INSA Rennes

TRAINING & INNOVATIVE PEDAGOGY

The Orange Nokia connected objects challenge

A team comprising 7 students from INSA Rennes, LISAA Rennes and the Rennes School of Business, competed against 49 other teams and more than 300 students to win the 2018 Orange Nokia "5G and connected vehicles" challenge with its **Drive Me** project.

Drive Me offers a solution to the transition to autonomous vehicles. Using 5G technologies, it proposes a convoy service which would enable motorway users to enjoy their journey without having to drive. These connected vehicles would guide their users, fatigue free, on long journeys. It is the second time that an INSA Rennes team has won this innovation challenge.



Looking back on the first year of INSA Sciences Po Rennes

The first students of the hybrid INSA - Sciences Po Rennes course began their studies in the department of Science and Technology for Engineers (STPI) of INSA Rennes in 2018. The educational balance sheet for this first class of 21 students has been very positive from both the students' and teachers' perspectives. The interest shown by future candidates in this hybrid course during the INSA Open Day was reflected in the increased number of candidates for the 2019 academic year. The motivation and commitment of the stakeholders (students, teachers and companies) have consolidated this new INSA - Sciences Po Rennes collaboration and its extension to new projects. At the start of the 2019 academic year, a

second group will complement the course with different scientific themes (mathematics, physics, electronics and chemistry) making it possible for students to gain access to the specialised EII, SGM and SRC departments of INSA Rennes. Consequently, the 2019/2020 academic year will consist of two groups of 22 first-year students and a group of 21 second-year students. The next developments in the course will consist in consolidating the two groups during the two years in the STPI department at INSA and mapping out the study programmes in the specialised departments over the four years of training, in partnership with Sciences Po Rennes.

A connected shoe for better healthcare

"Freezing of gait" is a symptom of Parkinson's disease, which, when it occurs, prevents the patient from beginning or continuing to walk. This symptom can become particularly incapacitating in the everyday lives of those who suffer from the disease. The objective of our project is to provide a solution which would allow the detection of the freezing episodes in order to emit stimuli to deblock the patient. To be able to do this, a shoe equipped with sensors allows us to analyse the patient's steps in real time. This shoe is also connected to an Android application through Bluetooth, which enables the patient to be notified when a blockage is detected and to emit stimuli.

This project gave us the chance to work on a practical problem for a full year, from a state-of-the-art study, to project completion. In addition, we were lucky enough to be able to work directly in the field by meeting patients who suffer from Parkinson's disease at the Saint-Hélier medical centre in Rennes. That allowed us to appreciate the very real needs that our project has to satisfy.



key figures

26% grant recipients
30% female students
37 students with disabilities
72 work-study students

2 158 students of whom **1 821** engineering students
301 graduate engineers

58 Master's students in Research
12 Master's students in Science
14 Advanced Master's students

151 students have embarked on thematic studies
37 visual arts students
13 drama students
63 top-level sports students
35 music students
3 lighting students

VICTOR LAURIAU, PRESIDENT OF THE VULGARIS'ACTION CLUB



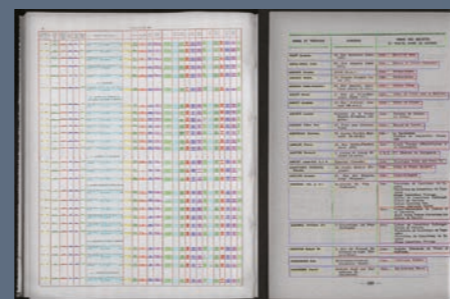
« Being a member of an association requires a great deal of teamwork, but it also makes you an actor of your own personal development! Choosing to use our strengths and weaknesses for the benefit of an association is a way of bringing out the best in ourselves. As a member of the Vulgaris'Action club, I discovered the pleasure of sharing my scientific knowledge, but I also discovered the obstacles you face when trying to fit the club's timetable around the availability of team members. Yet, the only thing that will stay with me is the happiness this rewarding experience has brought me! If teaching is the heart of the INSA Institute, then the associations are the lungs, the true vectors of the living spirit of the students! »

RESEARCH & VALORISATION

EURHISFIRM, a project supported by the Horizon 2020 Programme

The EURHISFIRM project is developing a world-class research infrastructure (IR) to connect, collect, assemble, harmonise and share detailed, reliable and, in the long run, standardised financial, corporate governance and geographical data on European companies. The IR provides long-term analysis tools which highlight the dynamics of the past and the manner in which these dynamics structure our present as well as our future. EURHISFIRM is developing models and innovative technologies to trigger a "Big Data" revolution in the field of historical social sciences and to enhance Europe's cultural heritage. Within the framework of this project, the Intuidoc team of the IRISA component of INSA Rennes are working on the construction of a document recognition system which exploits artificial intelligence to extract high-quality data from printed historical serial sources such as financial directories

and lists of stock market data. Such a wide variety of documents calls for the development of a flexible, easily adaptable system. That is why, working in conjunction with experts on these historical documents, this system has been based on the modelisation of knowledge drawn not only from one page, but from a whole collection. Thus, duplicated information within the same document is exploited to make the system more reliable and reduce handwritten corrections.



The Institut Universitaire de France (IUF) encourages high-level research at INSA Rennes

Three lecturer/researchers from INSA Rennes were selected by the Institut Universitaire de France for the quality of both their scientific work and their research projects. What are the advantages of belonging to this very exclusive circle of IUF members? Here is what the recipients had to say:



Maud Marchal

« Being a member of the IUF represents the recognition of my pluridisciplinary research work which combines computer science, mathematics, mechanics and electronics. Being dispensed from teaching duties for five years will allow me to spend more time on my research project, which offers as many possibilities for collaboration as there are applications for my work in the fields of medical simulation, robotics and virtual reality. »



Kevin Bernot

« Being nominated to the IUF has allowed me to gain greater visibility at both national and international levels. Consequently, besides the usual publishing of research papers, this year took on an international dimension through my ISCR colleagues and I obtaining an international collaborative research project (PICS CNRS Univ. Florence, Italy); a European start-up project on the themes which our ISCR-CSM component has been working on (funded by the Regional Council of Brittany via "Boost'ERC"); conferences and invited academic institutes (notably India). A co-leadership of theses (INSA Rennes-Univ. Florence: doctoral contract "politique établissement") has also been established. »



Jacky Even

« This first year was dedicated to further developing my work on perovskites. New collaborations were established, in particular during trips to the United States (3 months in total). Moreover, the 2018/2019 academic year was marked by the tabling of 5 European projects by our joint Rennes FOTON/ISCR team. Finally, a few articles were published in some very high-impact scientific journals (Nature Materials, Chemical Reviews). »

key figures

196
lecturer/researchers

170
PhD students

40
theses defended

6
laboratories

3
graduate schools

4
patents

17
softwares

7
licences

188
new publications
in 2018

205
papers presented at conferences
& seminars in 2018

RESEARCH CONTRACTS

57
new contracts in 2018
> a budget of 3 509 639 K€



INSA RENNES COMMITS TO HRS4R INITIATIVE



INSA Rennes has initiated the procedure for obtaining the "HRS4R" (Human Resources Strategy for Researchers) label. The aim of this operation is to promote the careers of researchers within the European Research Area, in keeping with the European Charter for Researchers & the Code of Conduct for the Recruitment of Researchers. The label brings many advantages in terms of improving and disseminating good practices within the institution; promoting interaction with the institution's HR plan; and increasing national and international visibility and attractiveness. It is also an asset in obtaining European subsidies.

The whole of the research community has been invited to get involved in improving the institution's internal functioning by providing feedback from the field. This initiative has provided an opportunity to exchange good practices and customs within the various laboratories of INSA Rennes. INSA is planning to submit the application and obtain the label for the first semester of 2020. Obtaining the label would represent yet another step in the institution's commitment to improving the working conditions of its research staff.

EUROPE & INTERNATIONAL

3 SENEGALESE STUDENTS WELCOMED AT INSA RENNES

INSA Rennes has developed a partnership with Senegal as part of the Erasmus Plus international mobility of credit KA107 scheme. Three Senegalese students in their 5th year of studies worked on their study project or did their internship within the framework of this programme.



Senegalese student **Fatou Gomis DIENG**, who is studying for a Master's degree in Electronics and Telecommunications Engineering (MIETEL2) at the University Gaston Berger (UGB) in Saint-Louis, is at INSA Rennes on a mobility programme to do her end-of-study internship:

"My internship is in the field of high-frequency electronics, namely reflexive array antennas, which are a promising alternative to reflector antennas for the tracing of directional radiation patterns or the coverages formed, notably in the aeronautic and space industries. My professional experience has been very positive since I arrived here. All the equipment in the IETR laboratory has been made available to us in order to provide us with good working conditions. I've discovered new softwares and I've also learned new concepts. In the space of just one month, I've made good progress with my subject, thanks to my supervisor, who is always available and open to possible proposals. When I left Senegal, I was afraid I wouldn't fit in, but that's not the case at all – in fact, I'm enjoying my time here. Just seeing so much diversity at INSA makes you think that it's a place where everyone feels at home."

Ahmadou BA is doing his study project in the Laboratoire de Génie Civil et Génie Mécanique (LGCGM – the Laboratory of Civil and Mechanical Engineering): "My INSA adventure has been very instructive. I was entrusted with a project which consisted in improving solar-powered units for the desalination of brackish water.

This system, which is destined for use in coastal regions of Africa which are often isolated or inaccessible, with very limited financial resources, makes it possible to produce drinking water at a minimal cost using solar energy alone. This project has enabled me not only to put into practice the knowledge I have gained in classes, but also to meet very friendly people within the laboratory."

As for **Gora Faye**, who is also doing his study project: "This mobility scheme has taught me a lot, whether it be in the field of education or culture. I continue to encourage students to 'take the plunge' and discover what a marvellous experience studying abroad is. It is such a unique and exceptional experience. Thank you Erasmus! Thank you INSA Rennes!"



AHMAD SHOKAIR, LEBANESE PHD STUDENT AT INSA RENNES

« I've been at Rennes for two and a half years as part of a joint programme between my Lebanese University and the IETR of INSA Rennes. With only a few months to go before defending my thesis, I must say it has been a wonderful experience. At INSA, I've had the privilege of working with a team who have decades of experience behind them. That helped me to explore new facets of the world of research that I didn't even know existed. I've also been

lucky enough to belong to a diverse community within the university. I've met people from all over the world, from different cultures and backgrounds. I've learned a lot at INSA. I've expanded my knowledge as well as my expertise. More importantly, I've made new friends and created fond memories that will last a lifetime. »



TIPHAÏNE ANDRÉ, DOUBLE DEGREE STUDENT AT THE ECOLE DE TECHNOLOGIE SUPÉRIEURE (ETS) OF THE UNIVERSITY OF QUEBEC

« I chose to pursue a double degree at Montreal in order to specialise in Manufacturing Engineering and Robotics. It's a great opportunity for me because I can boast 2 internationally recognised degrees. It's great to discover another university system which offers you more freedom in choosing your subjects and where everyone can personalise their diploma. In addition, I have the possibility of doing internships, which is ideal for integrating a new professional environment and for practising my English. I'm also very fortunate to be able to discover and become immersed in Quebec culture. Quebec is a magnificent region and Montreal is as dynamic as it is cosmopolitan. »

key figures

94
students in international courses

65
Erasmus + agreements

15%
international students

107
internships abroad

252
student mobility grants

21
staff mobility grants

21
double degree agreements

107
incoming students

5
incoming Erasmus+ staff

41
bilateral agreements

280
outgoing students

16
outgoing mobile Erasmus+ staff

75
INSA Group agreements

BUSINESSES & ENTREPRENEURSHIP

Active Sponsors in 2018



Orange, first sponsor of the Computer Science course

Students specialising in Computer Science, the class of 2021 will, for the first time, benefit from support provided by a sponsor. Pierre Jacobs, Director of Orange Grand Ouest and Laurence Trihan, Directrice of IT at OBS, herself an INSA graduate, are the “godfather” and “godmother” of this class. Two student delegates were chosen from the class to hold regular discussions with the Orange group and to set up actions, activities and events. This partnership is yet another opportunity for the class to obtain answers to any career-related questions they may have through concrete actions. INSA Rennes is faced with the challenge of strengthening ties between its students and the business world and increasing the employability of its graduates by enhancing the quality of the training it provides.



Legendre - INSA Rennes, a strong partnership

The partnership between INSA Rennes and the Legendre Group was established in 2015 with the creation of the shared LabCom B-Hybrid laboratory, which was accredited by the ANR (Agence Nationale de la Recherche - National Research Agency). The goal of this LabCom, which was extended for 5 years in 2019, is to invent new hybrid concrete-steel solutions adapted to the building trade. Bilateral partnerships with companies, and in particular with small and medium-sized enterprises, are a crucial element in the innovation chain. Moreover the Legendre Group also sponsors 75 students studying in the specialised field of Civil Engineering and Urban Development

from the class of 2021. This partnership provides for significant interaction with the institute: site visits, giving conferences, presenting construction and civil engineering trades, as well as participation in the Legendre Race. What's more, the partnership offers students a great opportunity to get first-hand experience of innovative approaches since the Legendre Group is committed to supporting the implementation of the innovation course which will extend over the whole Civil Engineering and Urban Development programme.

VINCI CAMP

On 14 March 2019, INSA Rennes hosted the VINCI Camp. This major event was organised by the INSA Foundation and the VINCI Group. VINCI was one of the INSA Foundation's first sponsors. Its involvement with the INSA Foundation provides it with an ideal opportunity to make itself known to INSA students and to make them aware that, as well as construction and civil engineering trades, it is also a multi-trade group. This event was open to all members of the student community, allowing them to discover the many facets of a large French industrial group. Several dozen VINCI employees were mobilised to share their passions and to debate the major challenges which inspire them: green growth, innovation, civil participation, diversity, sustainable development, etc.



chiffres-clefs

96

companies are members of the partnership club in 2018

540 k€

amount collected via the Apprenticeship Levy (2018)

35 k€

average annual salary (class of 2018)

97%

employment rate (class of 2018, 6 months after graduating)

87%

students hired on permanent contracts (class of 2018, 6 months after graduating)

2

internship speed networking events

13

careers speed networking events

More than 150 companies participated in events organised by the Business & Partnership Directorate



PARTICIPATION IN THE OPERATION “LIVE MY LIFE” ORGANISED BY THE “UNION DES ENTREPRISES 35”

In a move to promote intercultural exchanges between the academic and business communities, the Union des Entreprises d'Ille-et-Vilaine (UE35) has created the operation “Live my Life!”, which provides the opportunity for lecturers-researchers and business professionals to work together. “Live my Life!” is an immersive experience over 2 days (one day in each of the respective workplaces) to find out more about the experiences of their alter egos and to understand what motivates everyday decisions in ‘the other world’. Ivan Leplumey, Director of Corporate Relations and Partnerships at INSA Rennes, participated in this operation, together with Xavier Michard, Director of SII Ouest. The first day was spent in the SII Ouest offices, with an in-depth presentation of the company to start with, followed by discussions with several members of staff, notably with the University Partnership Development Manager. The second day began with a 2-hour Java class at INSA, followed by discussions with the academic staff, including the person responsible for supporting disabled students and the Director of the specialised Computer Science course. This 2-day exchange contributed to fostering better mutual understanding between the business and academic communities, with the hope that these meetings will give rise to future opportunities.

CAMPUS LIFE

Handimanager label awarded to 9 INSA Rennes students

The training course run by the INSA Rennes Diversity Commission has enabled 9 first, third and fourth-year INSA students to become part of a team and obtain the "Handimanager" label issued by Companieros. The aim of this training course is to prepare students – future managers – to face the problems raised by the integration of people with disabilities into the workplace. The INSA team was supported by the company SII, who not only financed the course but also shared its experience with them via its handicap mission by way of case studies and situational exercises.



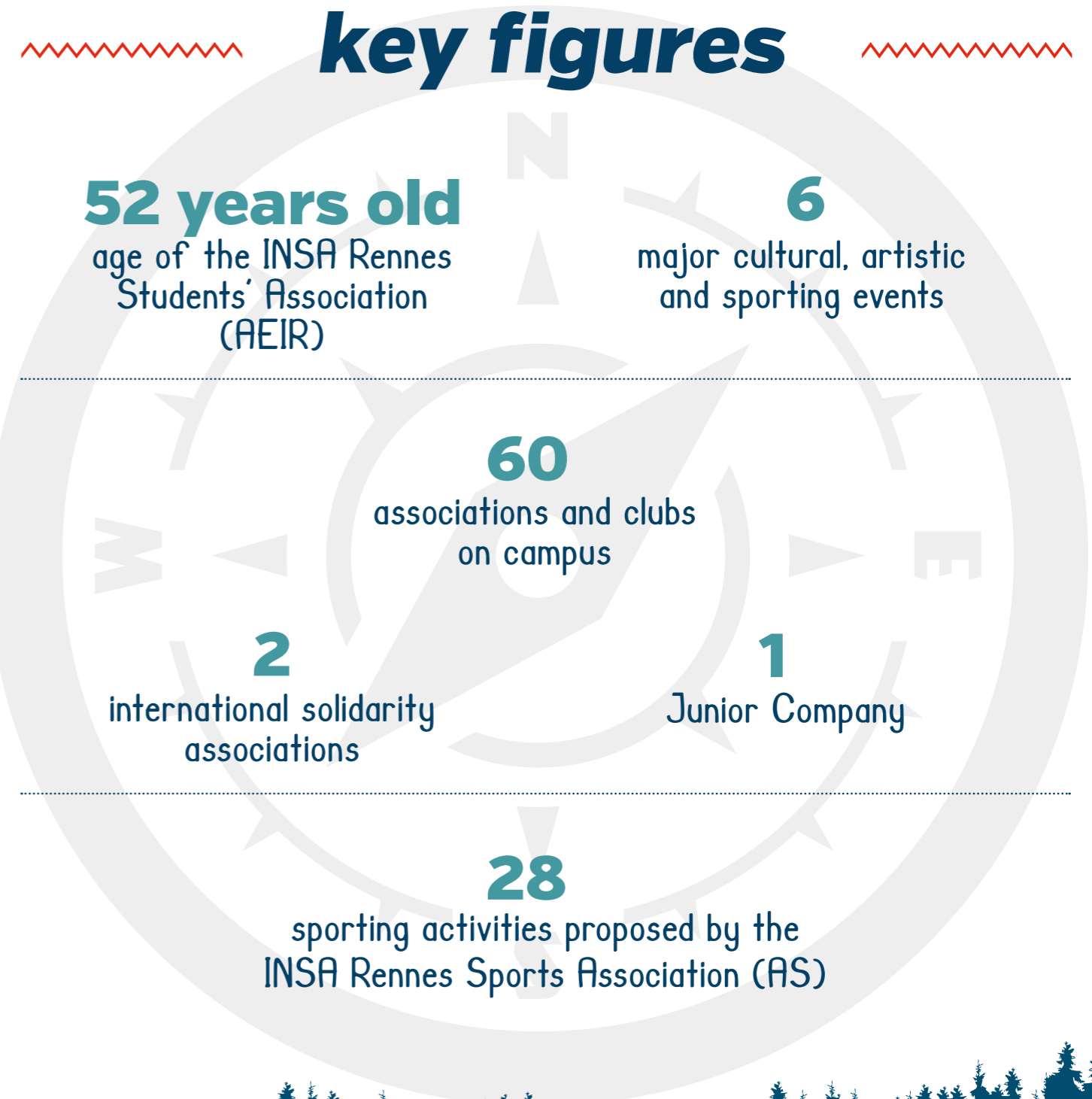
Top-level Sportsperson: elections of 1st semester 2019

Charles Dorange, a second-year Sciences and Techniques for Engineers student, and Louis Flament, a third-year Mechanical and Control Systems Engineering student, have been elected top-level Sportspersons of INSA Rennes for the first semester of 2019. No stranger to international podiums, both of these catamaran sailors (Flying Phantom et Diam 24) have consistently achieved high rankings in national and international competitions, notably at Pornichet and Miami, as well as China.

Sustainable Development on campus: green zone and selective waste sorting

A green zone was created at the start of the 2018/2019 academic year. Located in the centre of the campus, its purpose is to offer both staff and students a space which is free of motorised vehicles. Eventually, this zone will be covered in vegetation and an outdoor social area will be created between the main campus buildings. In parallel, waste-sorting containers will be progressively installed on campus (except in the residences that already have them). The mana-

gement and administrative services (buildings 1 and 2) have already been equipped with 30 recycling stations comprising 3 separate receptacles for paper, recyclable waste and residual waste. These containers, which were fabricated entirely in-house by the Mechanical Manufacturing department, supplement the composters already available on campus at the student halls.



MÉLANIE CHEVALIER, PRESIDENT OF THE AEI

« I'm 22 years old and I'm a Civil Engineering and Urban Development student. I've been President of the AEI [Association des Élèves des INSA - INSA Students' Association] since May. I've always been deeply involved in INSA associations, right from my first year of studies. Participating in associative life is complementary to studying and allows you to expand your knowledge as well as gain in self-confidence. After more than 3 years of investment in associations in Rennes, the AEI was the obvious next step. So, here I am today, working with 5 fellow students from the other INSA institutes in France. The aim of the AEI is to bring students together in a way which will strengthen social cohesion within the INSA Group, in particular through the events which are organised in the 6 INSA cities in France. »

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