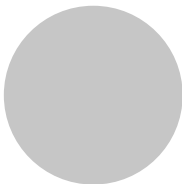
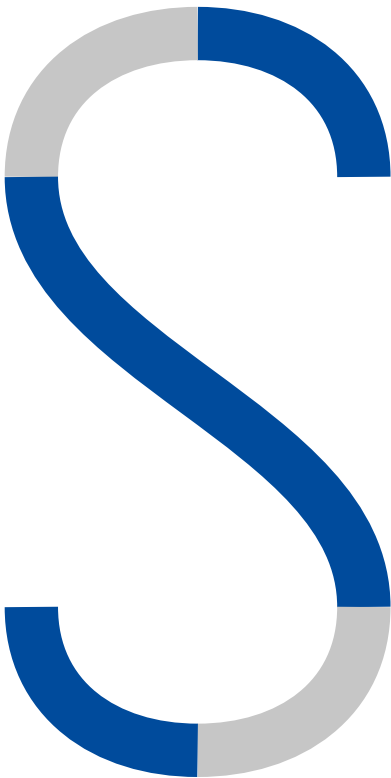


ENSCi-LES ATELIERS

ÉCOLE NATIONALE SUPÉRIEURE
DE CRÉATION INDUSTRIELLE



Transforming industry through creation is the singular hypothesis which presided over the creation of the École Nationale Supérieure de Création Industrielle in 1982, then called the Ateliers de Création Industrielle. It is indeed the end of a long decade favourable to major French industrial projects that has brought a unique place to the baptismal font where only the story of a few avant-garde utopias could have been used as a reference point, thus establishing its own mythology while propelling it into its future. For thirty-five years now, an archipelago has been anchored around the burning focus of ENSCI-Les Ateliers where major social debates have constantly informed the evolution of design and the extension of its perimeters.

A school without the tutelary figure of the headmaster in the same way as the academic tradition and without teachers, in contrast to the most recent republican models, has shaped a new pedagogical object where learning to learn has emerged as the promise of a new paradigm that corresponds perfectly to what the disciplinary field of design reveals. Recruitment based on the student's potential, in order to bring out singular personalities, has made it possible to make this new model coincide with its audience.

The forms of the sensitive backed by technical dimensions still form the common foundation of this education, which has from the beginning founded the singularity of this school in the French and international landscape. The exact conceptual counterpart of this approach, which has proved its worth since 1982, and already present since the Enlightenment, is based on a "difficult humanism" as opposed to an "easy humanism" in the sense of Gilbert Simondon's thought. It is therefore the reconciliation of technology and culture that remains at the heart of ENSCI-Les Ateliers project.

"Faire école", the eponymous proposal of a book by Thierry De Duve, nevertheless raises the question of the emergence of a new model without the presence of roots of a pre-existing model or by considering that the latter has previously been dissolved in the organization itself of the structure. Going to school without looking like a school now becomes the possible model for ENSCI-Les Ateliers in order to keep the originality and the avant-gardism of the project that has always been part of it.

In our technological societies, creation, conception through design, is still a matter for generalists who must answer with projects while resolutely addressing subjects. The diversity and complexity of these subjects are transforming our pedagogical approaches on a daily basis and challenging our possible certainties.

In this context, "Faire Ecole" also lies in our ability to support and even transcend the transformation of society as it is experienced technologically, scientifically and socially. The generalist nature of our approaches, our openness to specialized universes, our ability not to let ourselves be betrayed by our habitus, considerably influence the model we represent and its transformation into a project for our establishment.

"Faire Ecole", in our environment, is to make sense but it is also to make projects. The diversity, quantity and quality of the projects thus carried out in design sectors, sometimes far removed from simple industrial design, nowadays reflect the importance of the presence of design throughout the whole of society.

Yann Fabès, Director of ENSCI-Les Ateliers

A UNIQUE SCHOOL

Born of a political will in 1982, the École Nationale Supérieure de Création Industrielle (ENSCI-Les Ateliers) is the only national school exclusively dedicated to industrial creation and design. The aim was to break away from academic models by placing creation at the heart of industrial production concerns and thus reconnect with the spirit of the Bauhaus or the Black Mountain College.

Near the Place de la Bastille, in the heart of Paris, ENSCI-Les Ateliers occupies a historic site located in the former workshops of the decorator Jansen. The school has kept the spirit of these workshops, while opening up to the most contemporary technologies (digital machines, printers and 3D scanners...).

An Industrial and Commercial Public Establishment, ENSCI-Les Ateliers is placed under the dual supervision of the Ministries of Culture and Industry and enjoys first-rate national and international recognition and integration. It was ranked second among schools and universities in Europe and America in the Red Dot Design Ranking 2016. The school is a founding member of a community of universities and institutions, the COMUE héSam.

Two diplomas are offered in initial training: Textile designer and Industrial Designer, each at Master level. In the field of Continuing Education, ENSCI provides short training courses and delivers two Specialized Masters, accredited by the “Conference des Grandes Écoles”, as well as a post-graduate degree. Since its inception, ENSCI-Les Ateliers has implemented an innovative pedagogy based on a project and an individualized pathway, using a student-centered approach and its path - unlike traditional chronological courses - where students with very diverse profiles are actors of their own education.

At ENSCI-Les Ateliers, we “learn by doing”: we experiment, we proceed by iteration, we handle uncertainties. We learn to manage complexity, to design usages and systems in a socially responsible way. This environment for the production and transmission of knowledge remains open 24 hours a day all year round.

“We (Jean-Louis Monzat and Patrick Bouchain) shared the idea that we should not create a school of design, but of industrial creation: we were in a world of industrial production 80% of which was made without a designer.”

Patrick Bouchain
Interview by Tony Côme, strabic.fr

A SPECIFIC PEDAGOGY

You can't be a designer without being aware of it and without taking it into account. What to produce today, and how? Without promoting social injustice, without cluttering life, without damaging the Earth? Such questions constantly cross industrial creation, provide design with a serious challenge and give the designer an unavoidable ethical status.

ENSCI-Les Ateliers trains designers without a specific field a priori and prefers to an “expert” profile that of a “versatile” one, open and agile, capable of adapting to the diversity of contexts and interacting with a wide variety of actors and professions.



The school stands out through: the diversity of profiles from the outset, a multi-generational mix, an absence of areas of specialisation, a project-based pedagogy, an individualised curriculum that makes the student autonomous in his or her learning and ready to draw up his or her own professional orientation.

SPECIFIC PARTNERSHIPS

The School was created on the basis of an education open to the economic world, to train high quality designers. The partnership is part of this dynamic, to familiarize and prepare students for the world of business, as well as for an open practice of their future profession. Understanding a company and its stakes, meeting its various stakeholders, participating in industry projects by supporting the evolution of our society are so many challenges for the training of future designers.

For the company, working with ENSCI students means being in touch with a pool of trends, getting a privileged trends observatory, and finally, it is the opportunity to broaden its vision.

For the school, which favors innovation and research approaches, partnership projects encourage students to develop thought, reasoning, coherence and strategy.

They make it possible to explore and brighten new avenues, to participate in innovation, to carry out research into product or service concepts. The objective is to develop proposals adapted to the objectives defined jointly with the partner, but always according to an educational approach.

Finally, for the student, working on a project in partnership with a company means having the opportunity to measure and evaluate, with external actors, the relevance of his ideas, his practice, his knowledge, his capacity for argumentation and speech, his mastery of tools and techniques.

Selected according to the pedagogical interest and the quality of the representatives, ENSCI partners prioritise situations of innovation, of creative exploration and prospective, covering many fields.

EDF, SNCF, Orange, SFR,
Dassault Aviation,
Renault, PSA Peugeot
Citroen, Valéo,
Décathlon, Leroy Merlin,
Schneider, Legrand,
le Groupe SEB, la RATP,
la Ville de Paris,
Air France, Groupe BIC,
Facom, Shiseïdo,
Hermès, Durance,
le Centre Pompidou,
BNF, Mobiler National,
Cité des Sciences,
Microsoft, Aldébaran
Robotic, Jacob Delafon,
Louis Vuitton,
Groupe Saint Gobain,

Pyrex, Delsey, Technal,
Sgmap, Caisse des
dépôts, Bayard Presse,
Nathan, Marbrek,
Brun de Vian Tiran,
Naguisa, Walomo,
Sanofi, APHP, Société
du Grand Paris,
Bouygues, Huawei,
Kenwood design,
Pentel (Japon),
Huawei (Chine),
Tag Heuer, Nagra
(Suisse), Electrolux
(Suède et Italie),
Visa Europe (Grande-
Bretagne)...

If ENSCI trains designers with very varied profiles, this is the case throughout the curriculum. That is also what is measured at the moment of graduation. And this is what we observe afterwards, with the multiplicity of sectors in which the alumni come together, in France and abroad, in companies and agencies, in public and private sectors.

TOWARDS THE PROFESSIONALIZATION OF OUR GRADUATES

A programme entitled “Accelerator of Experience” is offered to graduates of ENSCI. It allows them to participate in projects in partnership supervised by the school, as a team and in a spirit of collective intelligence. The young graduates are in charge of managing the project, proposing methodologies and the relationship with the partner. They can thus develop their project management capacity, strengthen their experience and acquire references in complementary fields or in those they wish to strengthen in.

CONTINUING EDUCATION

ENSCI-Les Ateliers, by its notoriety, its capacity to be a pioneer and its specific pedagogy, designs training programmes that meet the challenges of today. It offers diploma courses, as well as short sessions, to companies, employees and creators wishing to acquire skills, know-hows to understand the challenges of design related to contemporary transformations. As a trendsetter, an instigator of new social practices, an anticipator of future needs, design is a central element in the challenges of this transformation.

ENSCI offers two Professional Masters - Mastère spécialisé® in Creation and Contemporary Technology, classified at the RNCP under the title “Designer of technological products” over one year; the other Mastère spécialisé® in Innovation by Design, classified at the RNCP under the title “Expert in innovation strategy through design” over 15 months.

The first one gives creators the opportunity to lead a project at the crossroads of contemporary artistic and technological considerations (new design and manufacturing processes, information and communication technologies, new materials, bio and nano-technologies).

The introduction of new manufacturing processes into the architect’s, designer’s or artist’s project leads to new ways of experimenting, conceptualizing or manufacturing forms.

The Mastère spécialisé® Innovation by Design trains the company’s employees to become specialists in supporting design approaches, in managing projects serving innovation (technological and non-technological) through design. Created in 2010 by ENSCI, this educational offer responds to the current particularly strategic socio-economic need:

to contribute to the quality and innovation performance of organisations (companies, administrations, associations) by promoting their use of design.

RESEARCH

It draws its specificity from the uniqueness of the school and its teaching project. It is based on an experience and a project-based culture structured by contemporary social, artistic and technical issues. The school's research activities are carried out in the fields of so-called "hard" sciences (biology, chemistry, physics), contemporary technologies (new materials, bio-technology, data visualization, robotics, etc.) and human and social sciences (sociology, anthropology, philosophy).

Design research feeds on all these practices as much as it feeds them by offering new approaches and ways of doing research. Students, future designers, in initial training follow an individualized research path and participate in research-oriented teaching. Post-doctoral students are welcomed in residence as part of a co-supervision with universities and "grandes écoles". The activity of researchers benefits from a privileged observation or immersion space where theory and practice meet through research seminars coupled with experimental studios.

Professional designers lead and direct research programmes in close collaboration with researchers, define the scientific orientations of the programme, organise production, participate in the research for partners and work towards the scientific added-value of research.

To do research at ENSCI is to collaborate with other scientific disciplines but it is also to participate in the construction of new knowledge. ENSCI is an active player with the academic institutions and the research community so that design research is recognised as a knowledge in its own right. An operating and exploratory mode with its own tools and languages: a research by creation.

A FAVORABLE ENVIRONMENT FOR EXPERIMENTATION

ENSCI provides its students with many resources, both in terms of advice and in terms of equipment.

There are material workshops (wood, metal, plastics), material and process workshops (digital chain of design, modelling and mock-up as well as rapid prototyping), the material library as well as the digital workshop (advice and resources in the field of digital technologies - microelectronics and embedded computing).

DOCUMENTATION CENTER

It has national and international resources and keeps the final thesis. This documentary collection is accessible on the digital catalogue. This centre is a place where students can find advice, an introduction to documentary research or cultural enrichment references required to advance projects. The team also monitors national and international design competitions. It regularly invites authors to come and present their works.

PHOTO/SOUND/VIDEO AUDIOVISUAL STUDIOS

They allow the design, the production and the presentation of academic projects. The teaching proposed through theoretical and practical courses, student-led research, creative studios, experimentation and research workshops, seminars and meetings with contemporary artists allow students to gradually acquire a diversified culture of image and sound in order to design, produce and present their projects. A photo-video-sound space, combines expertise, skills, know-how and equipment.



“The school trains people to question their design practice and not to reproduce one”

FRANÇOIS BRUMENT
Designer, graduated in 2004





“At school, everyone makes their own soil and we will inevitably have different answers to the same problem (...) It is a very lively place that evolves with its own dynamics.”

MATALI CRASSET
Designer, graduated in 1991

“For the first time I discovered the desire to do this job. The school was a beautiful washing machine that transformed me. When I came out, something inside me had been planted and is still growing today.”

PATRICK JOUIN
Designer, graduated in 1992



“ENSCI has the particularity of allowing you to switch when you are able to say “I’m going there”. Everything rests on you. We have an extraordinary school, open 24 hours a day, an environment and resources. After school, the culture and practice of the profession are there and, a priori, they can only develop as long as the same practice is maintained.”

FRANÇOIS BRUMENT
Designer, graduated in 2004

“What we must understand in the specificity of the school is the individualized curriculum, i.e. that we all come with a different profile and that we are able to choose the courses, the projects to arrive at the end of the curriculum with a specific approach for each student (which is the next most important thing).”

MATALI CRASSET
Designer, graduated in 1991

“ENSCI is a recognised school with highly appreciated profiles. The process is never formatted. Students are prepared to adapt to any project.”

CAROLINE GUÉRIN
Designer, graduated in 2011

“All this time we have taken to think, to discuss gives us the basis to build the rest.”

MATHIEU LEHANNÉUR
Designer, graduated in 2001





“I learned to build a material, to develop an approach and to link the two, make them complementary and move them forward together. The training in textile design gave me the necessary tools to the realization of my ideas. A technique and a language, which, far from locking me into a solely pragmatic and objective approach to textile design, have offered me the basis of a creative and innovative vocabulary.”

LUCE COUILLET
textile designer, graduated in 2010



“After a first training at Duperré, I wanted to explore further my education and ENSCI corresponded to what I wanted to do. From the very first days, it was like a great vertigo. I saw the potential of the school with a feeling of hyper stimulating intensity. Today, it is only at ENSCI where the training is so sharp. We are part of a sector with a rich and necessary technical know-how, especially in weaving. I worked on a project of shoes with the company Naguisa, on a textile wall project for furniture, as well as on a prospective project with Huawei, in collaboration with the students in Industrial Design. All the bridges created with the Industrial Designers bring a real exchange between all the students.”

EMMYLOU DOUTRES
Student, Textile Design, 2017

“At ENSCI, it is not at all academic, we cannot stop thinking at 5 PM. We are mixed up with everyone. It’s unique! There is always someone who knows, who can inform us. We take the time to share, it is very enriching! We are free to choose the themes. We can make mistakes intelligently and with mistakes, we evolve. In this school we are all special! We are all aware of how lucky we are to be here!”

AURÉLIEN ALTIUS
Student, Industrial design, 2017

“I had never used stereolithography, lazer, and other technological tools like that before. I attended a workshop on eco-design. I have resumed my project from a design perspective. And in this very rich environment, I was able to touch everything from courses and tools dedicated to industrial creation to textile design workshops.”

TONY JOUANNEAU
Professional Master “ Creation and Contemporary Technology ”, Graduated in 2017



“End-of-phase commissions consist in a very critical return on our production. It helps us to build ourselves. At the same time, moments of doubt allow us to build ourselves as designers. At school it is harder to evaluate yourself. The requirement is quite high and we constantly question ourselves. You have to go out, do internships to understand that you have a good level. It becomes easy to explain what design is. We have a working methodology that allows us to provide new solutions such as brainstorming, usage issues, etc. The spirit of sponsorship is constant at ENSCI even during the project workshops. It pulls upwards to be with others, even if not everyone has the same number of years in school. It is a collective place that is constantly open.”

XAVIER MONTOY
student in diploma phase Industrial Design, 2017

“I was interested in the importance of manufacturing processes and this leads mainly to engineering schools of the “Arts et Métiers”. I was thinking of entering ENSAM, then ENSCI, when I became aware of the existence of the double diploma with ENSCI when I entered “Arts et Métiers” (ENSAM). I have thus done mechanical and industrial engineering as well as industrial processes at A&M for 2 years, then I did the ENSCI entrance competition. At ENSCI, I learned the project approach. My profile (10% engineering school and 90% ENSCI) allowed me to have a specific language to be able to speak with all the actors of the project and this facilitates the manufacturing processes.”

VANILLE BUZIN
double-degree student ENSCI / ENSAM, 2017

“The way the school is organized gives the intellectual mechanisms that allow the student to manage on his own afterwards. The mixing of generations between students sweeps away hierarchies. Before my experience at ENSCI, I had known the limits of furniture (cabinet-making CAP, DMA), which immediately led me to move towards very different themes, a project with Stéphane Villard on Smart City+ for the Grand Paris a purely digital work this time. A workshop for the Restos du coeur.... To distance myself from my previous studies, I wanted to choose topics that had some form of social impact. The idea being that the designer is always in touch with societal issues.”

JOACHIM SAVIN
student in diploma phase, Industrial Design, 2017

“At school there is a strong emulation. One tackles the world in a very critical way. If we make “pretty”, it must also be beneficial for the user. I personally benefited from the incredible richness of all the workshops and the flexibility of the school.”

GARANCE MAURER
student in diploma phase, Textile Design, 2017

* The CI course is composed of two phases (4, 6 or 8 semesters) and the diploma phase (1 year). The DT course consists of one phase (6 semesters) and the diploma phase (1 year).





“It is one of the designer’s qualities to know how to adapt his speech according to of the actors involved, without forgetting oneself. The designer adapts, makes accessible by the layout, by what he gives to see, but without altering the substance of the content. Any partnership proposal is therefore interesting, it is important to maintain a generalist vision of the profession within the framework of ENSCI. It must remain an exploration, an open specification.”

LAURENT MASSALOUX
designer, project workshop manager at ENSCI-Les Ateliers

“The partnership was carried out in two project workshops. Thanks to this experience, we can now sell products that are both fun and protective. For Laurent Massaloux’s workshop, we chose the inflatable chair project. We are very grateful to ENSCI because we would not have had this idea on our own. This made us want to continue our adventure on the inflatable to the general public and to venture into this market (inflatable bicycle protector, inflatable baby stroller, inflatable refugee shelters, inflatable partitions...)”

SIMON WAHNICH
co-head of Walomo, a company specialising in promotional textiles, POP and advertising balloons

“It can be said that a partnership is successful when the student can project himself/herself into the context. When there is a form of irreverence in relation to the question asked. We are pushing students to show a certain naivety and distance from the project. We allow ourselves to make mistakes, take risks. Even if, in the end, we can sometimes end up having principles and not something finished. At the end of the project, the partner can choose one or more projects that he wishes to develop.”

JEAN-FRANÇOIS DINGJIAN
designer, project workshop manager at ENSCI-Les Ateliers

“The partnership with ENSCI has provided us with food for thought, a kind of technological, intellectual, aesthetic watch... It allowed us to dust off the company a little and show ourselves in a contemporary spirit. Conduct a longer-term reflection, get to know and update the software. It also allowed us to create buzz.”

FRANCIS KEZIRIAN
manager of the company Marbrek, a marble manufacturer
and distributor of natural decorative materials

“The last project we did with the school was on station mobility. In six months, on three projects we developed two of them and prototyped one. The ENSCI students are prepared to adapt to any project. And I am a concrete example of that. I am the only designer in my team in which there are 80 people with different and almost unique profiles.”

CAROLINE GUÉRIN
Designer, graduated in 2011, SNCF Innovation & Recherche



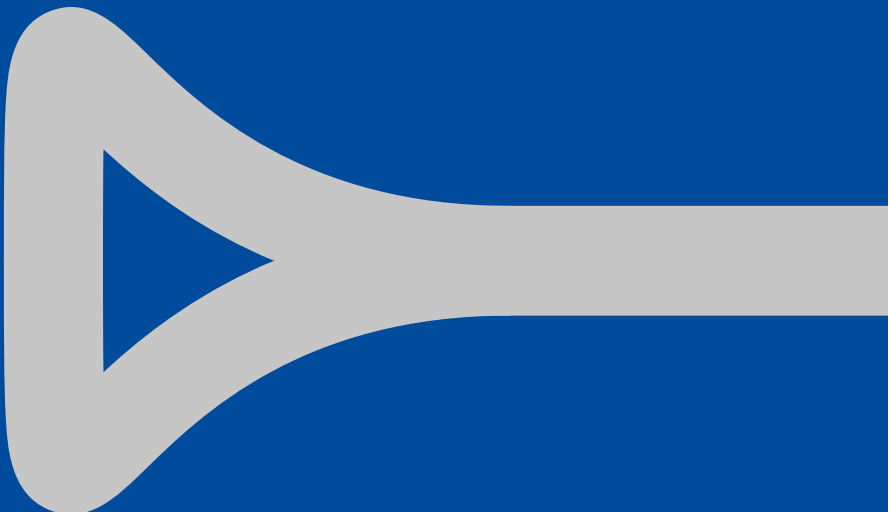
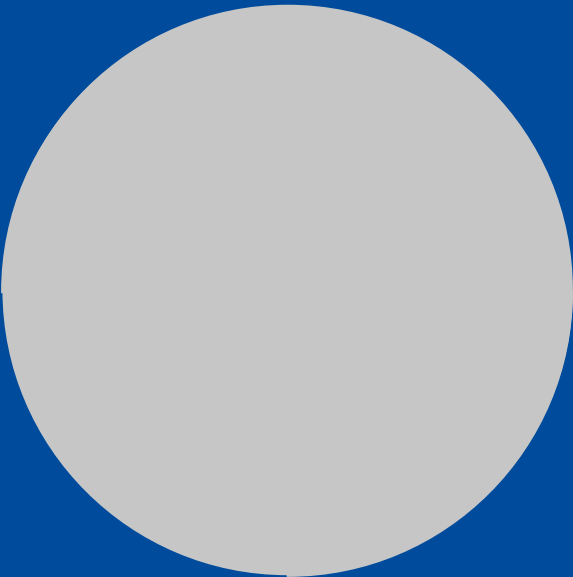


“With ENSCI students, what we find is a real depth of reflection that challenges us and it is precisely what we are looking for. We do not want to specialize our designers or our team. We need generalist profiles; ENSCI students and graduates correspond exactly to this. They address all the issues of the Group’s businesses (interface, product, strategy). At EDF, we need to look beyond a punctual and different answer. It is precisely one of the things that characterizes the school very well: paths, projects, different techniques, knowledge and approaches.”

OLAF MAXANT
Deputy Head of Innovation EDF

“We are a family home, a priori closed on itself. So I wanted us to open up to design. I immediately saw in ENSCI students excellent contacts, especially for my father who is an engineer. For us, it is above all an image work for a two hundred year old house that ensures its industrial dimension. It is also an internal cultural shift, an opening to external creation. It’s all about our own brand. My father, who is an outstanding technician, was himself very impressed by the students. For us, the notion of partnership with ENSCI is even stronger because it shows the evolution of the manufacture, the interaction between the school and us. We are renewing ourselves together with ENSCI! Internally, it feels good for us. It is an experience to be surely perpetuated!”

JEAN-LOUIS BRUN
co-director of Brun de Vian Tiran, French wool manufacturer





LÉA BARDIN HALE BOPP

What if our children's toys sang and told them about technological mythologies?
The Hale-Bopp toy family questions our magical relationship to technologies, where everything is a matter of fingering, trickery, between magic and digital, where interaction is a mystical principle and the electronic gadget a tool for exploration. Hale-Bopp tries to embody the drawing in the material, in a chameleon plastic. The toys come to life thanks to very simple electronic components where colour accompanies the songs, where the movements draw the melody and participate in the suspense of the discovery.

Industrial Design Diploma Project



MANON D'ERCOLE CHORÉGRAPHIES D'USAGES

Choreography of uses explores a methodology according to which it would be possible to be inspired by spontaneous gestures to imagine the use and then the shape of a moving object. This work is based on workshops where dancers explore gestures. They improvise with volumes of various shapes from a set of constraints based on a choreographic notation system: Labanotation. From these gestures, three objects have been designed, two of which are shown here: an application that allows you to plan your time by manipulating it like a moving and coloured material according to a set of proportions; a peculiar cannabis inhaler.

Industrial Design Diploma Project



JEAN-ALEX QUACH ET JULIEN ROUSSEL CABANO

A microarchitecture that expands thanks to a system of inflatable walls. Project carried out in the framework of a partnership with the Walomo company which offers objects, event and promotional shelters, in particular in the form of inflatables.

Industrial Design Workshop Project – Partnership with WALOMO



LOÏC LE GUEN L'AFFRANCHIE

Light by design, l'Affranchie can be manufactured by short circuit on demand and thus offers an alternative to mass production in favour of flexible assembly by companies and to the know-how available locally. L'Affranchie is a collaboratively designed car that puts use value back at the centre of the object. Without artifice, it embodies a mode of design and production that is an alternative to the classical industry. It reflects the aspirations of our time: light, responsible and sustainable.

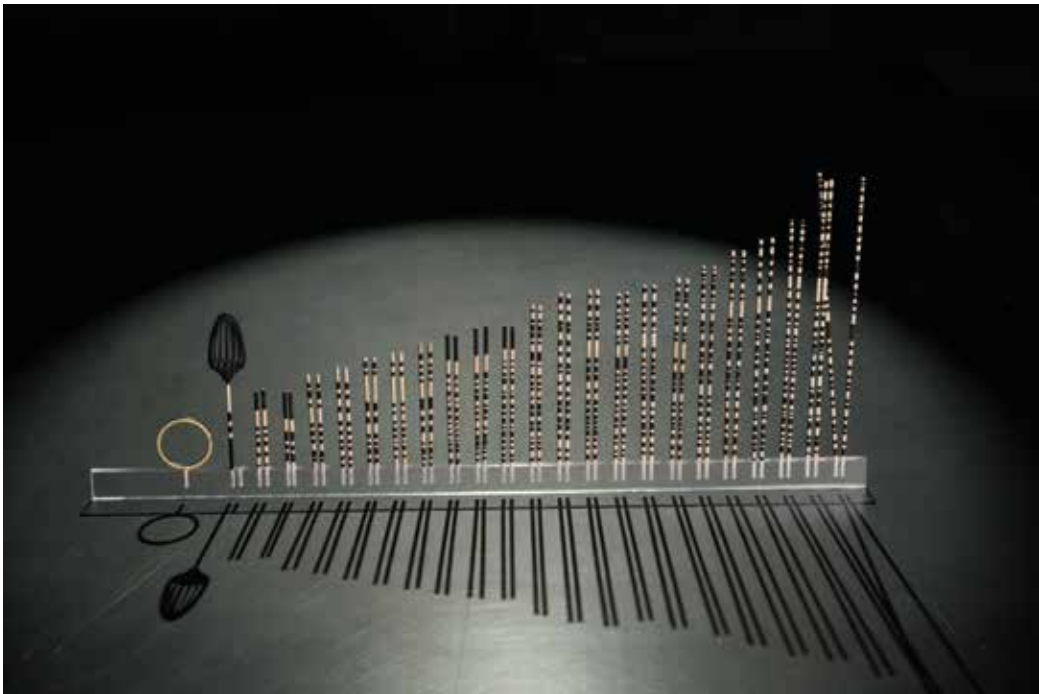
Industrial Design Diploma Project



CLÉO DÉLÉRIS PLAN D'EAU

Among the four objects (wall, carpet, flow system and radiator) that are questioned in this project for their relationship to water. Here, the floor mat provides comfort and the volume of the surface favours evaporation. The fabric allows us to perceive and experiment the environment in a different way.

Textile Design Diploma project



MARIE-SARAH ADENIS GÉNOMIQUE ORACULAIRE

This diploma project is a corpus of formal research on the modes of representation of personal genomics. It is a DNA mediation and reading device dedicated to the exploitation of origins: D&A. It is through an interactive imaginary world that everyone will be able to question their genome, and literally take control of it, thanks to objects that accompany this digital interface.

Industrial Design Diploma Project



MAËLANN VACHER ET MAXIME LOUIS ÉQUINOXE

Equinoxe offers a soothing rhythm in the station where the sunset replaces the clock. This project on station mobility is based on usage scenarios, where each development and service concept makes it possible to offer passengers station journeys adapted to their needs and their rhythms.

Industrial Design Workshop Project – Partnership with SNCF



SAMUEL TOMATIS ALGA

How to open the possible uses of algae? Here, seaweed is not considered as a polluting waste but rather as a source of raw material for the creation of a new material. In an eco-design approach, this project goes through all stages of the life cycle of objects, from the extraction of the material to its transformation, including transport and storage. A way to better think about the end of life of objects.

Diploma project of Professional Master of Creation and Contemporary Technology



PAULINE BAILAY XYZ, EXERCICES AUTOUR DE LA GRILLE

How to shape the textile material without glue or stitching? This work situates the grid as a strong aesthetic element and as a means of simultaneously constructing the textile surface of an object and the object itself. The three explored grid shapes are drawn tile by tile and then printed in 3D. To assemble volumes, the grids are used as pattern pieces and woven together. This system allows two pairs of shoes to be mounted.

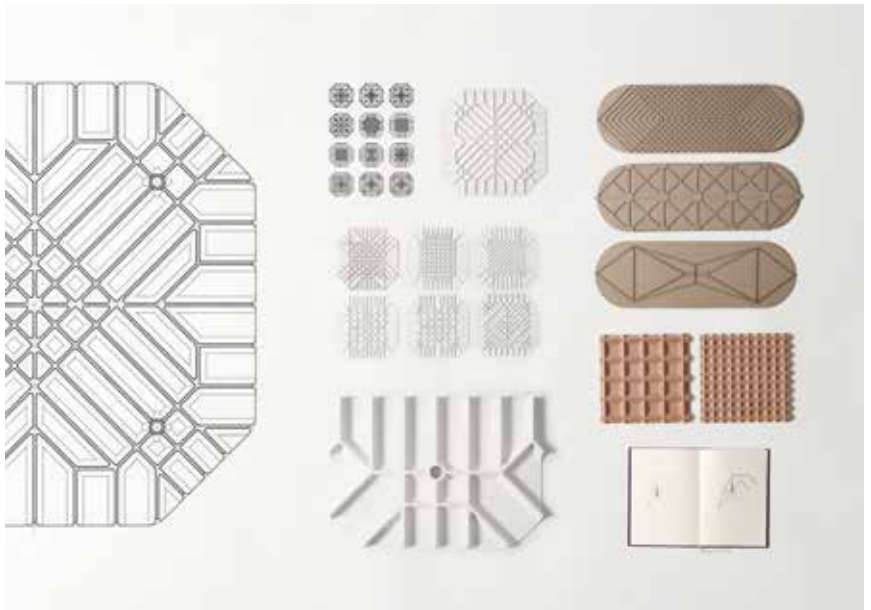
Diploma Project Textile Designer



PLAIDS COLLECTION CAPSULE

One of the last remaining French manufacturers of high-end covers, the family-owned Brun de Vian Tiran, has asked the school's textile design department to revisit the "Trois Méridiens" plaid. The collection of these plaids is currently being marketed. The collection was designed by Anaïs Bruyère, Lou Durand, Robin Abrial, Thérèse Bruguerolle, Marion Carlier, Garance Maurer, Zoé Pairault-Cordier, Camille Romagnani, Hanako Stubbe.

Textile Design Workshop Project - Partnership with BRUN DE VIAN TIRAN



HUGO L'ACHEC STRUCTURAL ORNAMENT

Design of a large and light table from plates, semi-finished product commonly used in architecture. The ribbed tray borrows its vocabulary from injected plastic and redraws it on the stone, creating a powerful synthesis between structure and ornament. The subject has been addressed in a very generalist way, questioning art, crafts, architecture and the evolution of society over the centuries in collaboration with the partner distributor of natural decorative materials.

Industrial Design Workshop Project – Partnership with MARBREK



TONY JOUANNEAU SUMBIOSIS

Sumbiosis is an experimental research workshop designed to consider textile finishing in a more sustainable way. Textile finishing consists in treating fabrics by chemical or mechanical processes in order to give them certain technical and aesthetic characteristics. This experimental and collaborative platform makes it possible to embody new imaginaries by taking advantage of the constraints linked to the hazards of scientific research. In the long term, Sumbiosis could give birth to a new myth of the ennobler, he would also be a breeder, a farmer and he would evolve in a new workshop, a garden-laboratory.

Diploma project of Professional Master of Creation and Contemporary Technology



RAPHAËL PLUVINAGE ET MARION PINAFFO PAPIER MACHINE

The Papier Machine project by Raphaël Pluinage and Marion Pinaffo consists of a series of paper toys printed and silkscreened with inks holding different electrical properties. Compiled in a notebook, these games explain basic electronic principles and reveal new shapes that tell a story: a main board turns into a miniature city, a printed circuit board into a sports field... This work has been awarded at the Red Dot design awards 2016 and Audi Talent Awards 2016.

Industrial Design Diploma Project



MAXIME LOISEAU ROLL TO ROLL

Based on an audio headset, it is about questioning this new way of producing and designing the object. *Roll to Roll* makes it possible to simplify and make the composition of an electronic object visible again. The 1mm thick acoustic system is based on a piezoelectric cell powered by printed electronics.

Industrial Design Diploma Project



MATHIEU MULLER ET PIERRE-ALEXANDRE CESBRON LIGA

The Liga range is the result of the creation of simple, functional, poetic storage furniture, transposed into three different objects: a box, a bedside table and a coffee table. The upper part consists of a sublimated metal tray and Neoprene rubber. The lower part is made of painted metal and has an elastic nylon ligature. This project was exhibited at the London Design Fair and Dutch Design Week 2017.

Industrial Design Diploma Project — Partnership with PROJET L



LISA DEHOVE, CHARLÈNE GUILLAUME ET XAVIER MONTROY MOS(KIT)O

This innovative bio-design kit acts against mosquito-borne epidemics around the world. Inside, there is an infection diagnosis patch (biodegradable), a mosquito trap and a map. The trap is a clever ploy. You fill the base with water, then add a bag that emits pheromones to attract tiger mosquitoes. The trap, geolocated and dated via a QR code, captures insects... Thanks to the QR code, experts can scan the results a few days later. In October 2016, a multidisciplinary team of nineteen students, including three from the ENSCI supervised by Guillian Graves, defended its project in Boston at the iGEM (international Genetically Engineered Machine) competition (2) initiated by the MIT (Massachusetts Institute of Technology) in the United States. The team won a maximum of prizes including the Gold Medal!

Experimental Studio Project



ARTHUR DONALD BOUILLÉ * AETHER

Innovative, biodegradable and affordable device to fight against air pollution.
For the second consecutive year, a multidisciplinary team from the Institut Pasteur is participating in the IGEM competition. This time the theme is the issue of indoor and outdoor air pollution - especially in urban areas. Pollution in the home is a problem in itself in rural areas. Air contamination is also a threat to many ecosystems and infrastructure. Even if there is a growing awareness of the dangers of this problem, too few solutions exist.
* Among the multidisciplinary team composed of 16 students from École Polytechnique, UPMC, Université Paris Diderot, Faculté Jean Monet, ESPCI, Chimie ParisTech and CentraleSupélec.

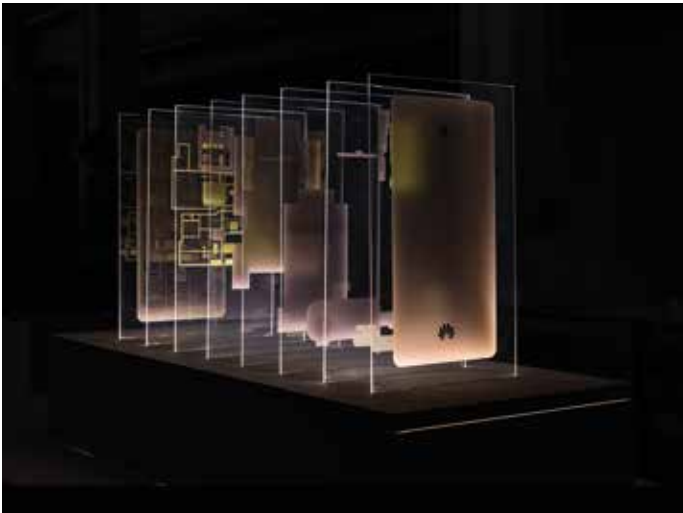
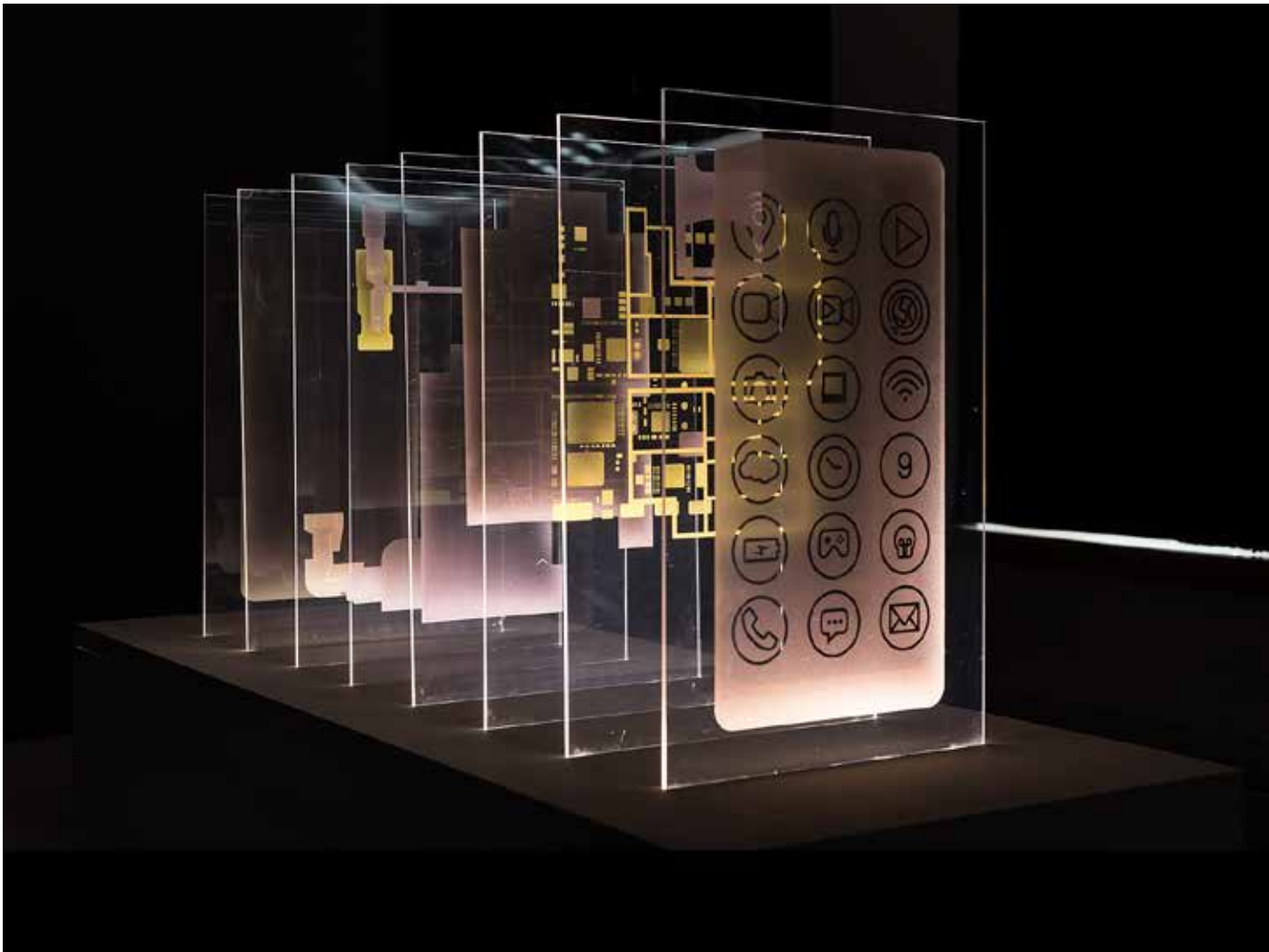
Experimental Studio Project



HUGO L'ACHELEC YOUR DEATH SHOW

The question of the remains settled, this project proposes, for what would remain of spirits to be nourished, to think of death in terms of events and artistic direction. Your Death Show creates rituals in line with our hungry generation of images, experiences, virtual, entertainment.

Industrial Design Diploma Project



MARION TALOU PHONE ODYSSEY

Phone Odyssey shows you the inside of the phone. The Huawei brand wanted to open stores in Europe. Each student was free to propose an aesthetic, immersive or interactive experience free of the commercial constraints of the display. The project had to be designed for the scenography of an innovative place.

Industrial design Workshop project - Partnership with HUAWEI



SOPHIE PELLETIER ET MIREN LASNIER KEMET

Kemet is composed of two devices that become in turn an odour sensor and an indoor perfume diffuser. Durance, a French company specialising in the manufacture of home fragrances and natural cosmetics, manufactures and markets home fragrances. The students questioned the universe in which the products take place. They worked on the materialization of the perfume by the object through diffusion and fragrance-reception objects.

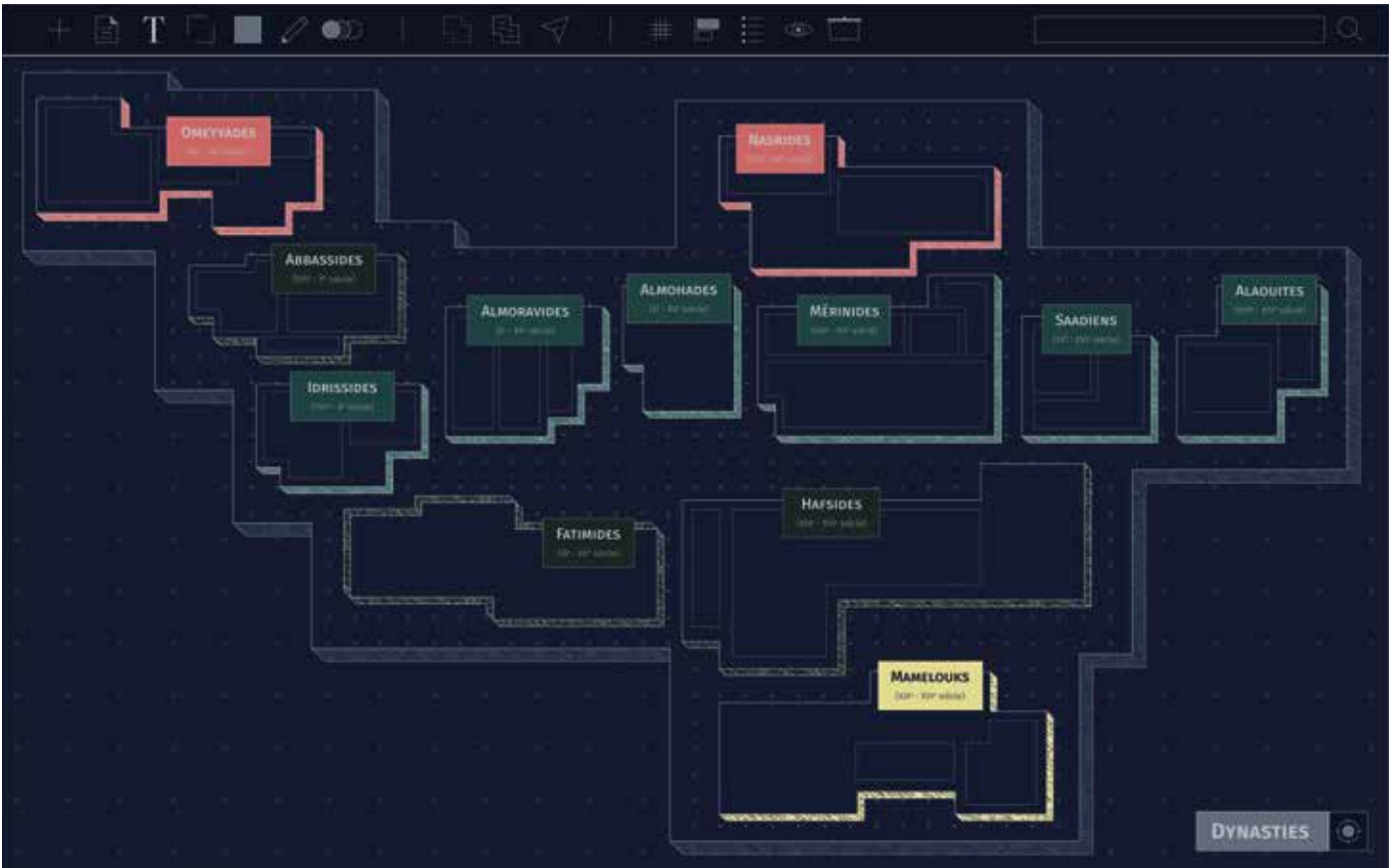
Workshop project Industrial Design and Textile Design - Partnership with DURANCE



GARANCE MAURER MÉTÉORE

Meteor is a textile that makes visible the microwaves generated by the multitude of connected objects that surround us. It measures and analyses radiation to inform us, via vibrations and light, of its presence in real time.

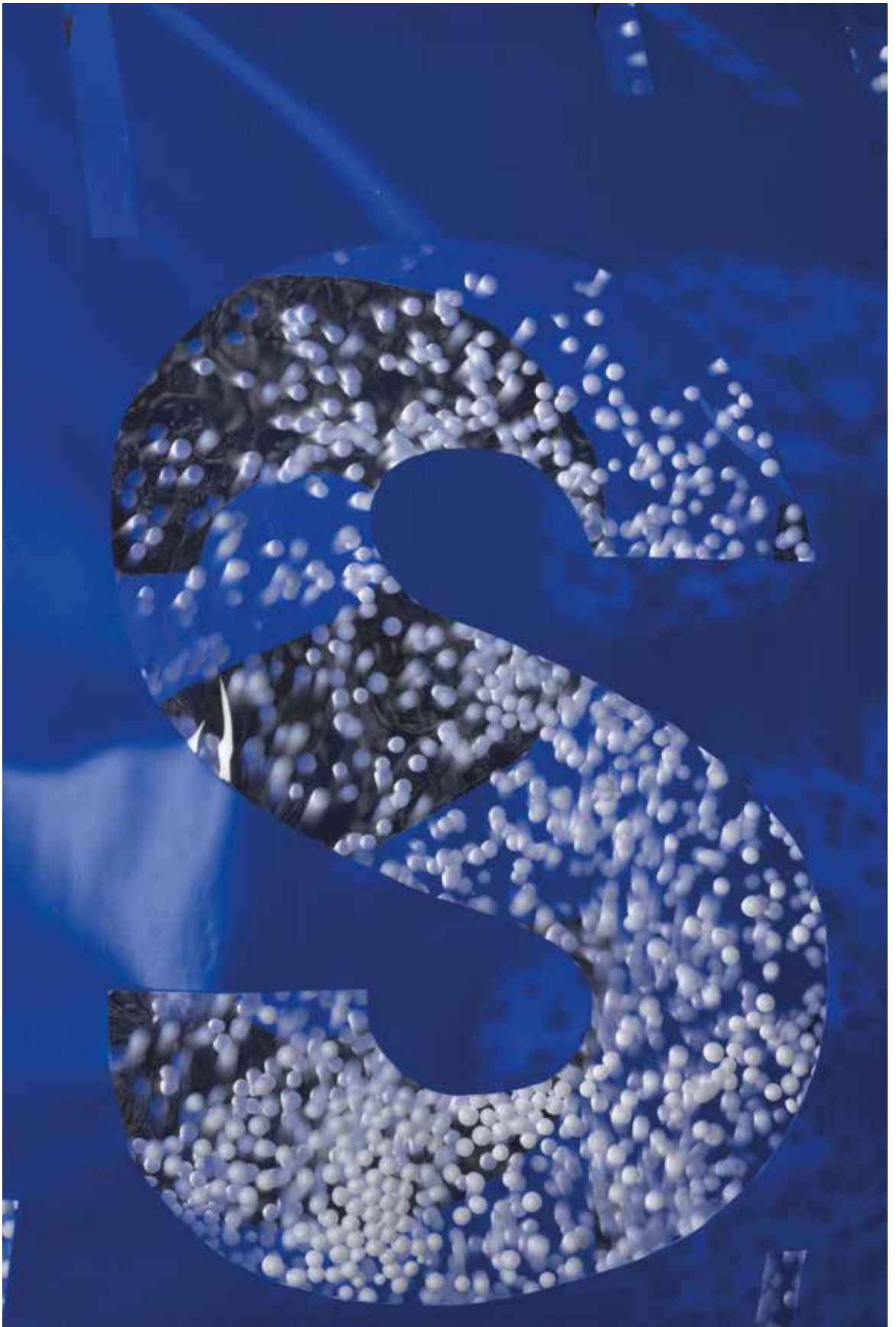
Textile Design Workshop Project - Partnership with HUAWEI



ADELINE CELIER ATLAS

Atlas is an information organization support that answers the question: “how to organize our ideas, how to build our reflection when it has no outlines yet, when it wanders and takes the ways of the crossroads?”

Industrial Designer Diploma Project



DIANE ARNOLD ET SALOMÉ DROUET SUPERFLUX

Superflux is an inflatable merchant sign system.
Project carried out in the framework of a partnership with the Walomo company which offers objects, event and promotional shelters, in particular in the form of inflatables.

Industrial Design Workshop Project - Partnership with WALOMO

DISTINCTIONS

Students and alumni alike receive many prestigious national and international awards.

RED DOT DESIGN AWARDS

In 2016, the ENSCI ranks second in the Red Dot Design Ranking 2016. Since 2008, and until 2017, seventeen ENSCIens won this prestigious award with their diploma project.

- 2008 **SWANN BOUROTTE**
- 2009 **AÏSSA LOGEROT**
FELIPE RIBON
- 2010 **AUDREY RICHARD-LAURENT**
- 2011 **CLAIRE LEMARCHAND**
KARIM ZAOUAI
DAMIEN ARLETTAZ
- 2013 **PIERRE CLOAREC**
- 2014 **ROMAN PIN**
- 2015 **OCÉANE DELAIN**
LOÏC LE GUEN
MAXIME LOISEAU
- 2016 **RAPHAËL PLUVINAGE**
JOËL DUNKL
ANTOINE PATEAU
- 2017 **ALEXANDRE D'ORSETTI**
ANDREA-ALEXANDRA RADULESCU

DESIGN PARADE HYERES

This annual competition for young creators at Villa Noailles in Hyères, and for the past two years in Toulon in parallel, is dedicated to discover young talents.

- 2016 **PERNELLE POYET,**
THÉLONIOUS GOUPIL
SYLVAIN CHASSERIAUX
- 2017 **LÉA BARDIN**
RAGNA RAGNARSDOTTIR WAYWADT
ARTHUR HOFFNER

DESIGN PARADE OF TOULON

- 2017 **ALEXANDRE BENJAMIN NAVET**
- 2017 **MARTIAL MARQUET**
graduated in the Specialized Master®
Creation and Contemporary Technology
in 2012

AUDI TALENTS

This program aims to reward and promote the talents of tomorrow. It detects the pearls of design, contemporary art, music and images and short films, and then support them in their development. Since 2007, twelve ENSCI graduates have been awarded prizes.

- 2007 **SÉBASTIEN CORDOLÉANI**
ET FRANCK FONTANA
- 2008 **BENJAMIN GRAINDORGE**
- 2009 **MARIE AURORE STIKER-METRAL**
- 2010 **CONSTANCE GUISSET**
- 2011 **ARNAUD LAPIERRE**
- 2012 **FELIPE RIBON**
- 2013 **ALEXANDRE ECHASSERIAU**
- 2015 **ISABELLE DAËRON**
- 2016 **RAPHAËL PLUVINAGE**
ET MARION PINAFFO
- 2017 **HUGO L'ACHELEC**

VILLA MÉDICIS

Villa Medici is a palace located on Mount Pincio in Rome. Since 1803, it has hosted the Académie de France in Rome. This is a French artistic institution dedicated to welcoming young artists in residence for a given period of time in order to develop their creative projects. 5 designers graduated from the ENSCI have been residents since 2010 and until 2017.

- 2010 **RAMY FISCHLER**
- 2013 **FELIPE RIBON**
- 2013-2014 **THÉO MERCIER**
- 2015-2016 **JOHAN BRUNEL**
- 2017 **CLAIRE LAVABRE**

VILLA KUJOYAMA

Inspired by the model of the Villa Medici in Rome, Villa Kujoyama, built in 1992 by the architect Kunio Kato, is attached to the French Institute of Japan. It provides a framework for interdisciplinary exchanges with the aim of strengthening intercultural dialogue between France and Japan. From 2014 to 2017, six designers who graduated from the ENSCI were residents.

- 2014 **QUENTIN VAULOT ET GOLIATH DYÈVRE**
- 2016 **FELIPE RIBON**
- 2017 **JEAN-SÉBASTIEN LAGRANGE**
LAURELINE GALLIOT
MATHIEU PEYROULET-GHILINI

PHOTO CREDITS

Background photos p. 7 to p. 16: George Dupin Project
photos p. 18 to 41: Véronique Huyghe except p. 22
Pernelle Poyet, p. 28
Claire Curt, p. 31
Simone Perolari
P. 6,7,9 Back to School Workshop.
All the new ENSCIens met to work together
on the theme “green the school”.
This workshop was supervised
by Alexandre Echasseriau.
P. 10: Graduation of Baptiste Meyniel’s
Industrial Designer diploma
P. 11 and 14: Workshop, Formatting
hypotheses, supervised
by Laurent Massaloux and Claire Malrieux.
P. 13 (top): Defense of the diploma
of the Specialized Master® Creation
and Contemporary Technology of Vincent Marsat,
DRYADE, a space debris hunter.
P. 13 (bottom): Introduction to braiding
P. 15: Workshop supervised
by Matthew Marino/User Studio.
P. 16: Diploma in Industrial Design
by Antoine Fréchin

ACKNOWLEDGEMENTS

Thank you to the students who kindly agreed
to answer our questions. Thank you to the alumni
from whom we borrowed the remarks resulting from
the round table organised by ENSCI during Maison
et Objet in September 2017. Thank you to the partners
who kindly gave their time to answer our questions.

ENSCI-Les Ateliers
48 rue Saint-Sabin
75011 Paris
communication@ensci.com

ENSCI-Les Ateliers is placed under
the dual supervision of the Ministries
of Culture and Industry.

ENSCI-Les Ateliers is:
Founding member of the HeSam University
community; Accredited by the Conférence
des grandes écoles; Partner of the Carnot-Arts
Institute and the Satt Lutech.



HESAM
UNIVERSITÉ



