ESME INNOVATIVE ENGINEERING

{EPITECH.}
THE FUTURE OF SOFTWARE
THE BEST OF INNOVATION

Make your own robot

Epitech & ESME Sudria
Summer School 2022

ESME IN A NUTSHELL

CONFÉRENCE DES GRANDES ÉCOLES

Cti Commission des titres d'ingénieur

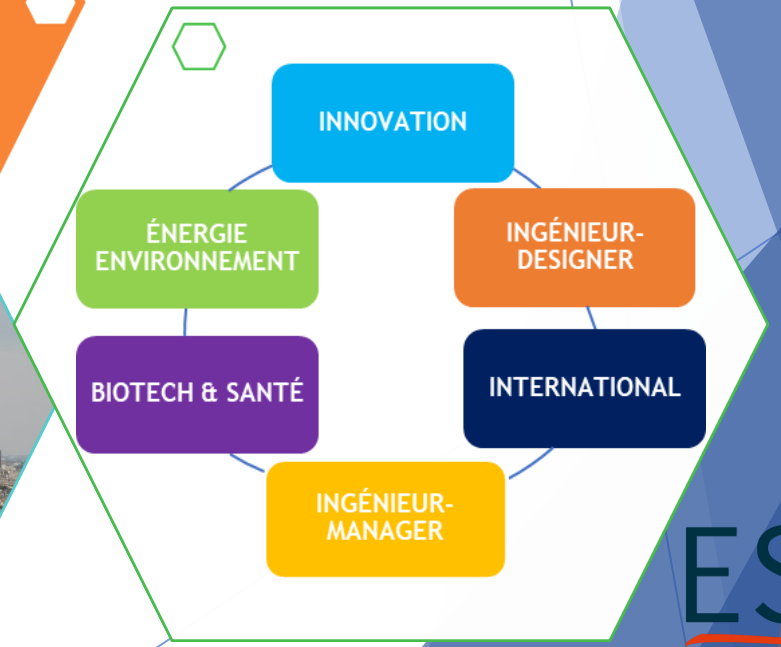
15 500 alumni

5 campus
2 500 étudiants et apprentis

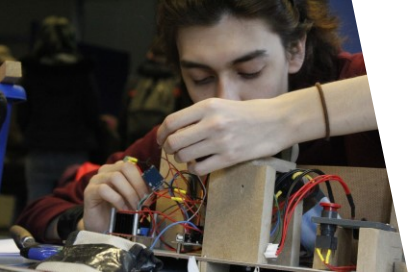
16 majors
Including
3 majors fully taught in English

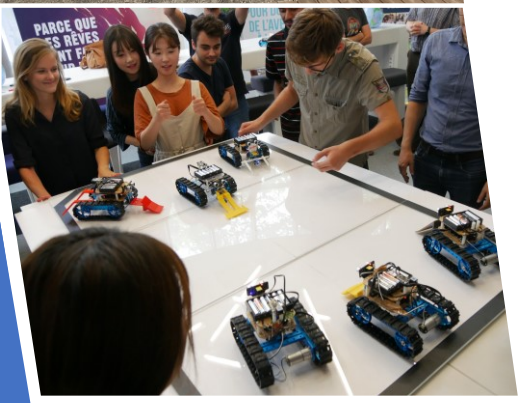
A multi-disciplinary engineering education

40 student unions accross the 5 campus



ESME sudria
PARIS | BORDEAUX | LILLE | LYON





ESME'S PAST AND FUTURE

- Established since 1905, in the center of Paris, France
- Multiculturality at the core of our school's principles
- International students from all over the world each year
- Partnerships with more than 450 Companies in engineering fields, on national and international scales

STUDIES AT ESME

- **European calendar (Fall Semester - Spring Semester)**

- **A practice-oriented curriculum where students explore a different teaching approach :**

  - Labs, Contests, Hackathons, Group Workshops, Summer Schools, Internships,…

- **Unlimited access to a network of pedagogical E-Smart labs**

  - (3D printers, laser cutters, digital milling machines, etc.)

E-SMART LAB

INTERNATIONAL PROGRAMS

- Multicultural Cursus taught for national and international students together, 100% taught in English
- Full Engineering Master's degree (5 years - undergraduate and graduate program combined)
- 3 Master's degree of Engineering (2 years – Graduate program)
  - Cybersecurity
  - Internet of Things & Smart Cities
  - Energy Conversion & Management

ESME sudria
PARIS | BORDEAUX | LILLE | LYON

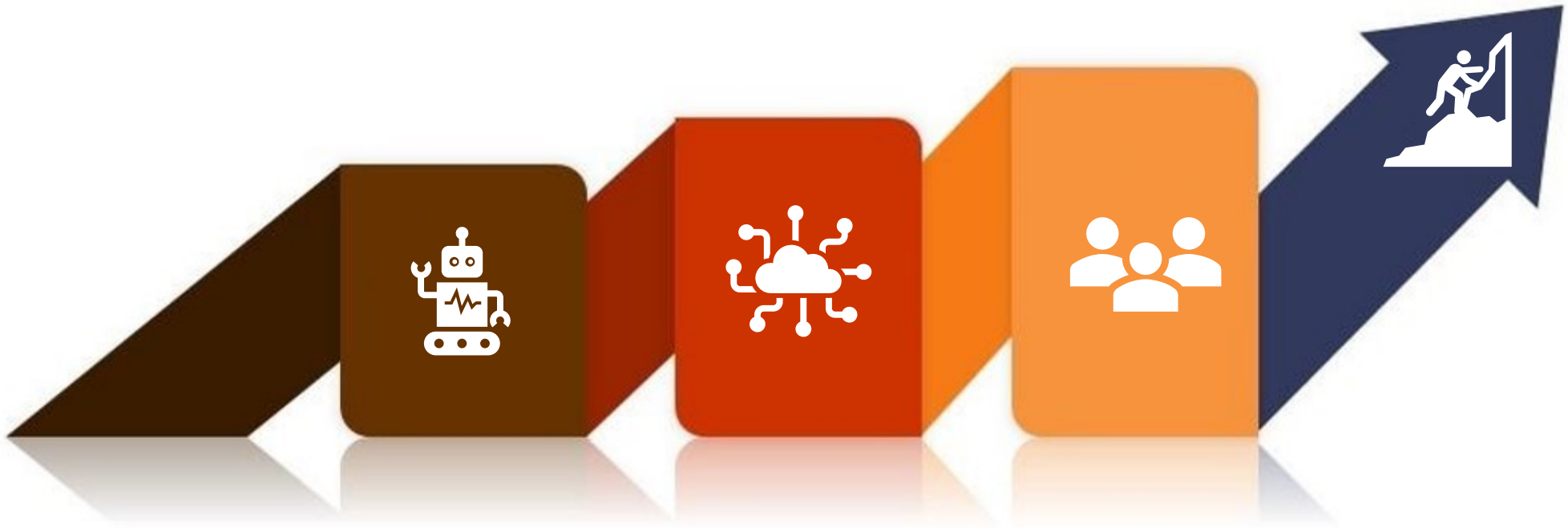
Discover Epitech

- Established in 1999
- One of the largest IT schools in France
- Over 6500 students
- 15 campuses in France and 5 abroad
- Innovative learning approach
- All courses in English

So [...] what is Epitech?

Say **goodbye**
to your traditional classroom

And **hello** to a whole new way of learning



Hands-On

The latest technologies

Collaboration

Innovation

The Epitech Method

Kick-off Meeting

Bootstrap

Project and code review

Follow-up

Delivery

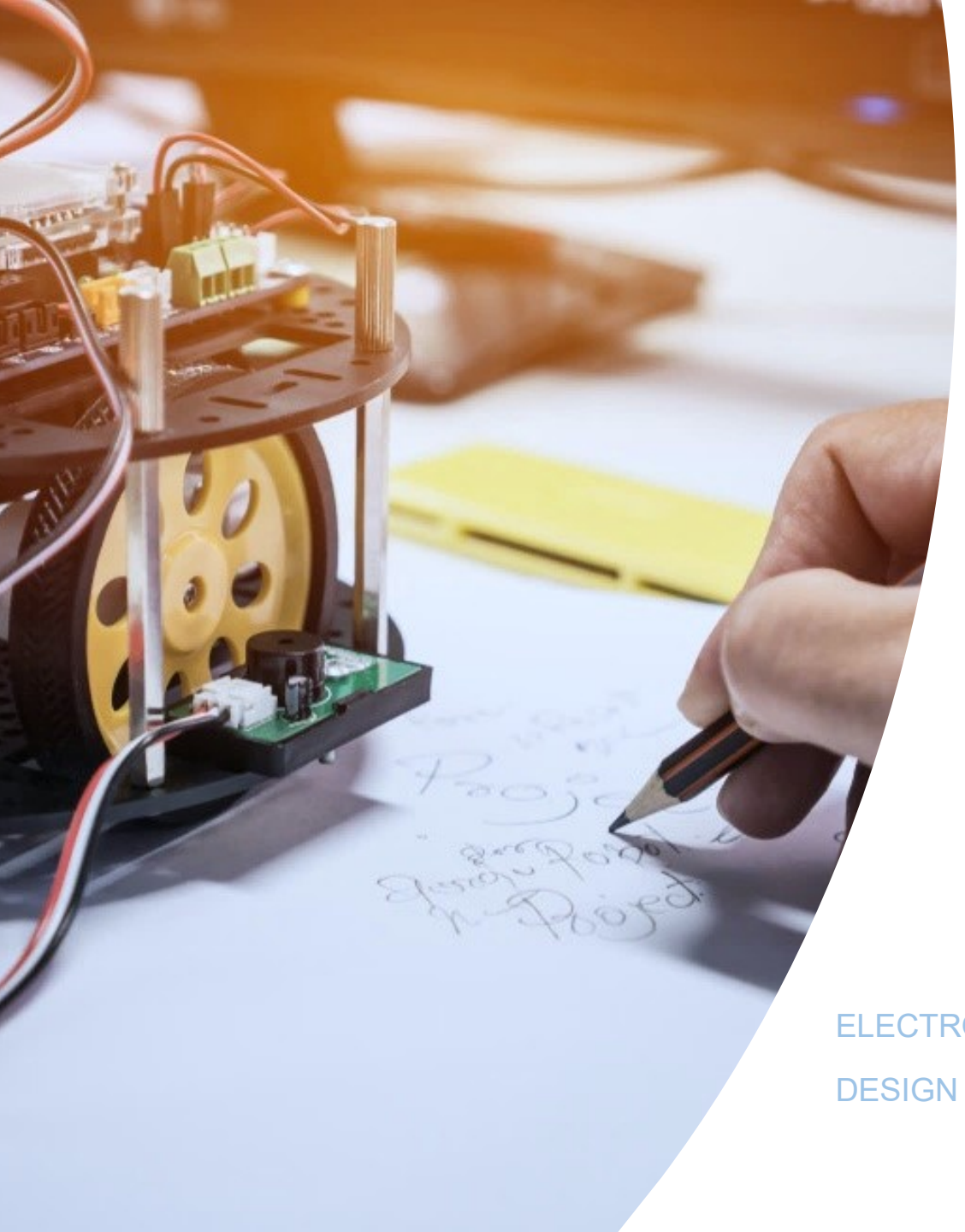
EPITECH & ESME Summer School 2022

Immerse yourself in the exciting world of Robots !

- 3 weeks
- July 4 to 22
- 6 ECTS
- Online and on-site

ESME

EPITECH.
THE FUTURE OF SOFTWARE
THE BEST OF INNOVATION



Experiment & learning outcomes

Technical Skills + **Soft Skills**

- Ability to use a set of digital tools and methods to build a product
- Ability to solve problems independently and as a team
- Ability to coordinate multiple, interdisciplinary tasks in order to achieve a goal
- Ability to apply newly learned information to define, design and lead a project
- Ability to drive a project and to meet deadlines

ELECTRONICS, ROBOTICS, CREATIVE CODING, DESIGN, CAD,DIGITAL ARTS

DESIGN THINKING, CO-WORKING, TROUBLESHOOTING, PROJECT MANAGEMENT

ESME

{EPITECH.}
THE FUTURE OF SOFTWARE
THE BEST OF INNOVATION

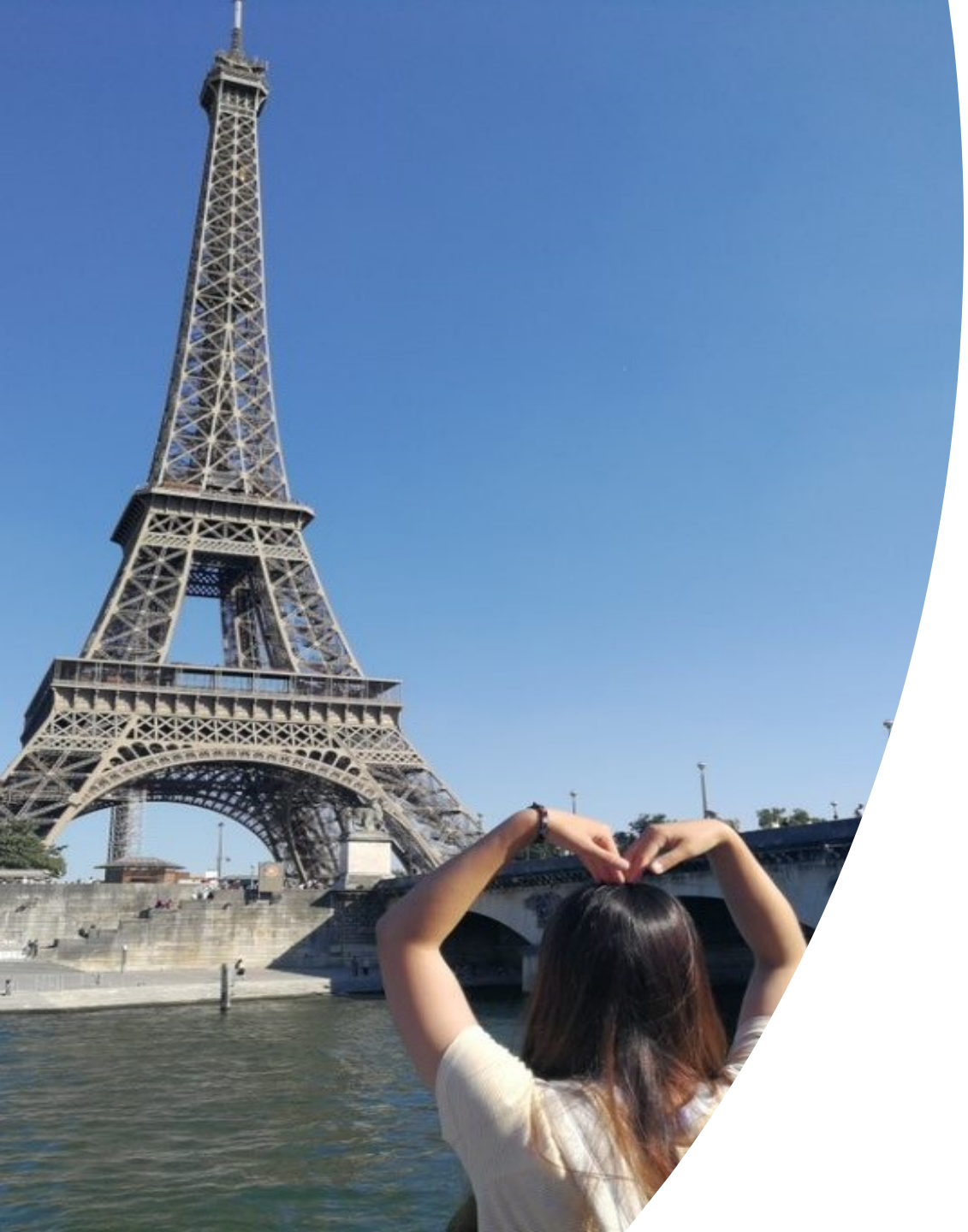
Agenda outline:

Week 1	Introduction to Electronics
Week 2	Assembly & Simulation of the robot > 3D Modeling (CAD)
Week 3	Bring your robot alive, be creative!

ELECTRONICS, ROBOTICS, CREATIVE CODING, DESIGN, CAD,DIGITAL ARTS

DESIGN THINKING, CO-WORKING, TROUBLESHOOTING, PROJECT MANAGEMENT

ESME {EPITECH.} THE FUTURE OF SOFTWARE THE BEST OF INNOVATION



Program Fees:

Online:

- 900€ (all students)

including courses, robotic material, online activities

On site:

- 2,400€ all-inclusive
- 2,200€ partner rate

All-inclusive:

- Courses
- Robotics material kit
- Housing
- Breakfast and lunch on weekdays
- French Language courses
- All cultural activities & trips
- The farewell party
- A 3-week Paris transport pass and a lot more!

ESME

{EPITECH.}
THE FUTURE OF SOFTWARE
THE BEST OF INNOVATION

Application information:

Admission requirements:

- Basic knowledge in Science and Technology Basic knowledge in programming
- English proficiency equivalent to B2 level

Application documents:

- Online application
- Copy of Passport
- Transcripts of the last two years of studies
- Certificate of English proficiency
- Short statement explaining your interest for this program

ESME {EPITECH.} THE FUTURE OF SOFTWARE THE BEST OF INNOVATION

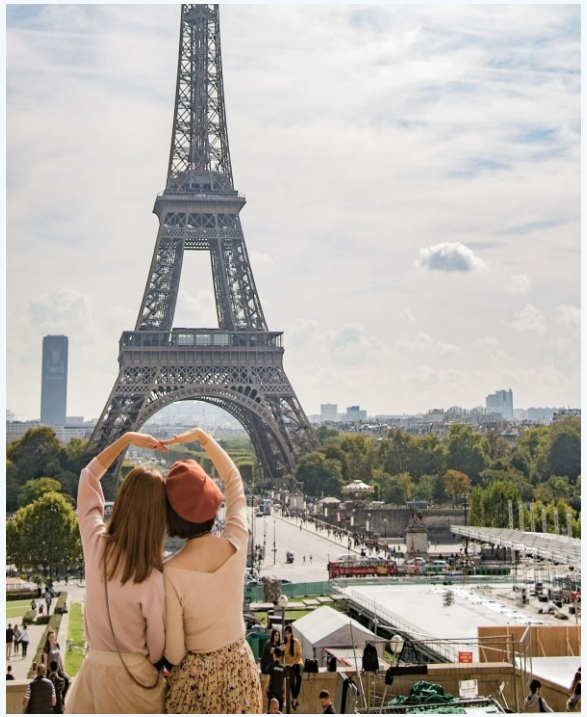
Application information:

Application deadline:
May 31st

Apply online:

https://summer-schools.fr/epitech-technology-esme-summer-school-2022-application/

Stay



at

Cité-U

Stay at Cité-U, the International University Campus in Paris! | Historic buildings and gardens 20 minutes from campus via Tram | Breakfast included

ESME

{EPITECH.}
THE FUTURE OF SOFTWARE
THE BEST OF INNOVATION

Cultural activities in Paris

ESME INNOVATIVE ENGINEERING
{EPITECH.}
THE FUTURE OF SOFTWARE
THE BEST OF INNOVATION

Thank you for your attention!

Contacts :
international@esme.fr
international-relations@epitech.eu

THE FUTURE OF SOFTWARE
THE BEST OF INNOVATION