

Date:

July 01-12

Location:

École Polytechnique is 30 minutes far from Paris by subway

Tuition fees:

2000 euros
Accommodation and lunch included for partner universities please contact us

Who can apply?

All undergraduate students following a scientific program ; 18 years old students or above on July 1st

What will make your experience unique?

- we offer a tailor-made program in artificial intelligence
- an outstanding education at the #1 Scientific Grande École in France
- interaction with world-renowned scientists, researchers and engineers in artificial intelligence
- a rich offer in cultural activities and the opportunity to discover the most visited city in the world

An international experience you will never forget!

ABOUT ÉCOLE POLYTECHNIQUE

École Polytechnique is the leading French institute of science and technology, combining cutting-edge research, academics and innovation.

It upholds a tradition of excellence in multidisciplinary education, covering applied sciences, humanities, languages and sports.

WHY STUDY ARTIFICIAL INTELLIGENCE?

At the edge between computer science and applied mathematics, Artificial Intelligence (AI) is a constantly growing field, and its recent advances are highly impressive. Its goal is to create intelligent agents or systems capable of operating on their own to achieve difficult goals, such as decision-making or creation tasks.

Artificial Intelligence leads to strong societal impact applications, as for instance:

- Searching the mass of online audio-visual contents, to process, edit or re-arrange them, leading to the creation of new interactive educational or cultural media ;
- Controlling drones or autonomous vehicles so that they move according to the surrounding dynamic environment and to some pre-specified rules ;
- Synthesizing virtual 3D characters for gaming, online retailing, serious games and simulators, with behaviors matching to some extent those of real humans ;
- Designing, fabricating and controlling soft robots dedicated to various difficult tasks, from personal assistance to micro-surgery.

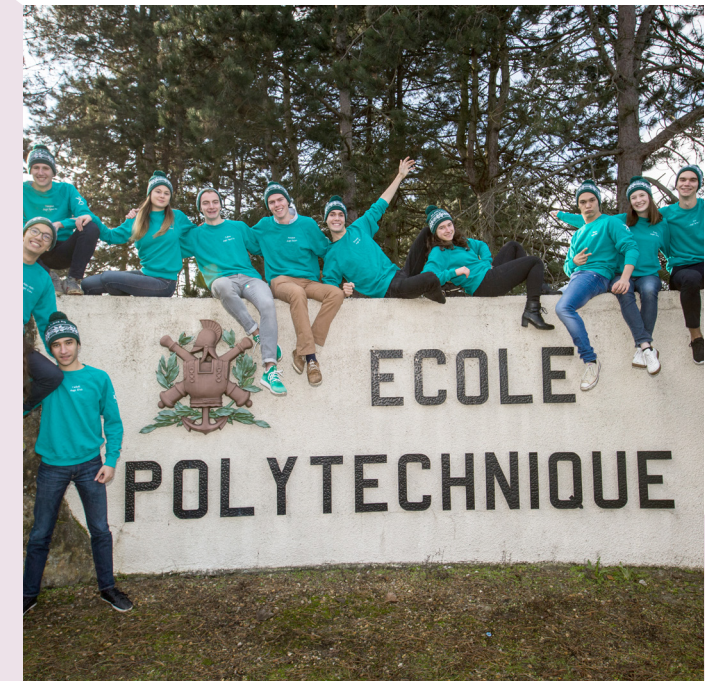
For more information:
summerprograms@polytechnique.fr
<https://www.polytechnique.edu>



SUMMER SCHOOL

in Artificial Intelligence and Data Science

July 1 - 12, 2019



OUR PROGRAM

	AM		PM
July 1, 2019	Arrival: bus transfer from Airport	Lunch Break	Drinks reception Meeting with professors and staff
First week	Data Science and Artificial Bootcamp Group Project <i>Robotics, 3D graphics, design and fabrication.</i> - Designing autonomous agents for game playing and competition, - Deep learning, Machine learning, Data mining, and Advanced analytics, with applications to text, visual media, social networks, art, transportation and industry.		Introduction to French History (workshop)
			French culture workshop
			Literature workshop and book signing
			Half a day trip to Versailles
Week-end	Discover the Paris off the beaten-track		
Second week	Data Science and Artificial Bootcamp Group Project <i>Robotics, 3D graphics, design and fabrication.</i> - Designing autonomous agents for game playing and competition, - Deep learning, Machine learning, Data mining, and Advanced analytics, with applications to text, visual media, social networks, art, transportation and industry.	Lunch Break	Discover the Medieval Village of Senlis
			French Cooking Class Experience
			MOOC eXperience Recording of a mini online video sequence
		Discover the Paris icon - the Eiffel Tower	Barbecue
July 12, 2019	Group photo	Lunch	

MORE INFORMATION WILL BE PROVIDED IN MID-APRIL

OUR TEAM



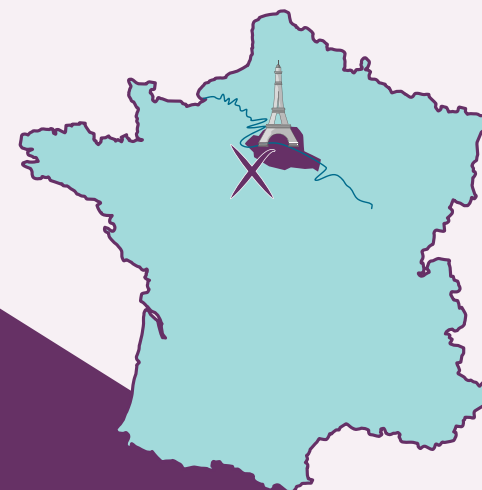
Cristina Rotaru
Head of Summer School Program



Olivier Bertrand
Professor, Academic Director for French Culture program



Jesse Read
Professor, Academic Director for Computer Science Program



Brand new single bedroom

Airport transfers

Access to the campus facility