

## 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 1<sup>st</sup>

## 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

## 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](mailto:summerprograms@polytechnique.fr)  
<https://www.polytechnique.edu>



# SUMMER SCHOOL

## in Artificial Intelligence and Data Science

July 1 - 12, 2019



*An international experience  
you will never forget!*

## OUR PROGRAM

## OUR TEAM

	AM		PM
July 1, 2019	Arrival: bus transfer from Airport	Lunch Break	Drinks reception Meeting with professors and staff
July 2, 2019	Data Science and Artificial Bootcamp Group Project  <i>Robotics, 3D computer Graphics, 3D fabrication, Virtual and augmented Reality</i>		Introduction to French History (workshop)
July 3, 2019			French culture workshop
July 4, 2019			Literature workshop and book signing
July 5, 2019			Half a day trip to Versailles
July 6, 2019	Discover the Paris off the beaten-track		
July 7, 2019			
July 8, 2019	Data Science and Artificial Bootcamp Group Project  <i>Robotics, 3D computer Graphics, 3D fabrication, Virtual and augmented Reality</i>	Lunch Break	Discover the Medieval Village of Senlis
July 9, 2019			French Cooking Class Experience
July 10, 2019			MOOC eXperience Recording of a mini online video sequence
July 11, 2019			Discover the Paris icon - the Eiffel Tower
July 12, 2019	Group photo	Lunch	



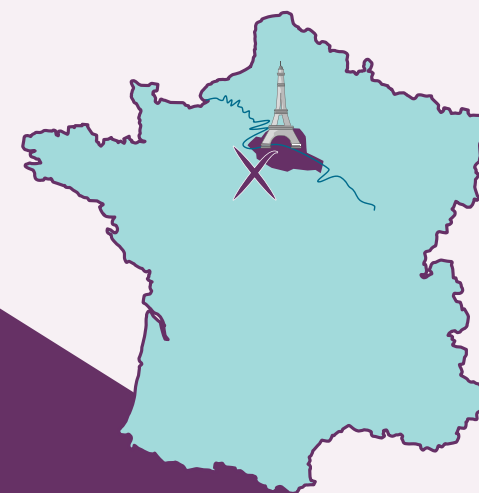
**Cristina Rotaru**  
Head of Summer School Program



**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

MORE INFORMATION WILL BE PROVIDED IN MID-APRIL