

# INSA

INSTITUT NATIONAL  
DES SCIENCES  
APPLIQUÉES  
LYON

## INSTITUTE OF SCIENCE & TECHNOLOGY

DIVERSITY - EXCELLENCE - INNOVATION - OPENNESS - RENOWN

# ONLINE SPRING SCHOOL - 2021

1 - 12 MARCH

# INSA - OUR IDENTITY

Created in 1957

By rector Jean Capelle and philosopher Gaston Berger

**HUMANISM AND DIVERSITY**

**SOCIAL AND CULTURAL OPENNESS**

**SCIENTIFIC EXCELLENCE**



# WELCOME TO INSA LYON

**5-year curriculum**  
**recognized as the best in France**

**+ 6000 engineering students**  
**1000 graduating each year**

## Open to the world and its diversity

**+ 200 partner universities world-wide**

**100% engineering students study abroad**

**28% international students and 100 nationalities each year**



# ONLINE SPRING SCHOOL

2 weeks - 20 hrs Course - 2 ECTS credits

**From March 1st to March 12th 2021**

All Science & Engineering  
Undergraduate & Graduates students !

Choose between online tracks 1 and 2  
Track 1 : Connected and Smart Devices  
Track 2 : Short Circular Design Sprint

Live time slot from 4 pm to 7 pm (Tokyo)  
2h30 ZOOM Monday to Friday for Live and  
interactive online teaching sessions  
1h30 ZOOM Saturday and Sunday for activities



WHEN ?

WHO ?

WHAT ?

HOW ?

**WHY ?**

To Earn up to **2 credits** and  
**Acquire International Skills** and  
Experience from Home !

## Track 1 : Connected and Smart Devices

Internet of Things applied to Smart Cities : concepts and challenges

Take your home town as a study case for connected devices and work in teams to raise issues and answer them

**Geographical Data Manipulation Lab**

Acquire skills in computer programming and take control of your teacher's lab tools !

\*Prerequisites of basic knowledge and practical experience of computer programming, language and algorithms.

# ONLINE SPRING SCHOOL

*March 1st - 12th*

Choose between tracks 1 and 2

**This is a Hands-On experience !**

## Track 2 : Short Circular Design Sprint

Discover and experience how Design Thinking Methods develop innovation and creativity to answer a sustainable challenge

**Collaborate with classmates and rethink everyday products, services and systems for a circular economy.**

E-Meet and work with INSA Lyon Students as if they were the future clients for your project

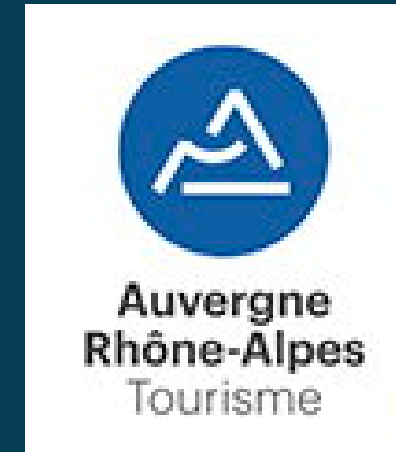


## But Also...

**Multi-Cultural exchanges with your classmates and INSA Lyon Students**



**A live virtual Visit of Lyon, and its region ...**



- Focus on the Smart District of Confluence
- Enter the Lumière Institute, meet the birth of Cinema and the Beautiful Light Festival
- Overview of the Technical challenges in High-Mountain infrastructures



*Take a step into the void...*

**A Live Cooking Activity**

Monday 1st and 8th- Multicultural Exchange

Tuesday to Friday - Scientific track

Saturday 5th and Sunday 6th - Cultural Online Activities

# INSA ONLINE SPRING SCHOOL

## 1st - 12th March 2021

Applications will be open  
From 18th December to 4th February 2021

## HOW TO APPLY ?

**Visit our website** and download the application form on :  
<https://www.insa-lyon.fr/en/short-programs>

**Write a cover letter** illustrating who you are, what it means to you to be an engineer and your motivation to participate in the ONLINE SPRING SCHOOL.

**Send the following documents and ask your questions** to  
[online-spring-school@insa-lyon.fr](mailto:online-spring-school@insa-lyon.fr)

- a. Resume
- b. Cover letter
- c. INSA Application Form  
(online on the 18th December)

**Full Cost : 800 €**

**Exchange Cost : 350 €**

Ask the International Coordinator of your University if you can apply under the Exchange Cost

## Let's keep in touch



dri@insa-lyon.fr  
www.insa-lyon.fr

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