

# **PROGRAM OF THE 4th SPRING SCHOOL**

## **Data-Driven Model Learning of Dynamic Systems**

### **1. Linear system identification**

Lecturer: [Xavier Bombois](#), CNRS Research Director, Laboratoire Ampère, Ecole Centrale de Lyon

Federico Morelli (Laboratoire Ampère, Ecole Centrale de Lyon) will be assisting for the exercise and computer sessions

#### **TUESDAY 14 APRIL**

**14:00 - 16:00** Lecture (room 101 – building W1)

**16:00 - 16:30** Coffee break (building H9)

**16:30 - 18:30** Lecture (room 101 – building W1)

#### **WEDNESDAY 15 APRIL**

**8:00 - 10:00** Lecture (room 101 – building W1)

**10:00 - 10:30** Coffee break (building H9)

**10:30 - 12:30** Lecture (room 101 – building W1)

**12:30 - 14:00** Lunch (l'Ecureuil – building M14)

**14:00 - 15:30** Computer session (room 101 – building W1)

**15:30 - 16:00** Coffee break (building H9)

**16:00 - 17:30** Computer session (room 101 – building W1)

## 2. Dynamic network identification

Lecturer: [Paul Van den Hof](#), Professor, TU Eindhoven, The Netherlands

### THURSDAY 16 APRIL

**8:00 - 10:00** Lecture (room 101 – building W1)

**10:00 - 10:30** Coffee break (building H9)

**10:30 - 12:00** Lecture (room 101 – building W1)

**12:00 - 13:30** Lunch (l'Ecureuil – building M14)

**13:30 - 14:45** Lecture (room 101 – building W1)

The end of the afternoon will be dedicated to finish the computer sessions of the 15<sup>th</sup> of April and to some other exercises.

Lecturer: [Xavier Bombois](#), CNRS Research Director, Laboratoire Ampère, Ecole Centrale de Lyon

**14:45 - 15:30** Exercise and computer session (room 101 – building W1)

**15:30 - 16:00** Coffee break (building H9)

**16:00 - 17:15** Exercise and computer session (room 101 – building W1)

## 3. Hybrid system identification

Lecturer: [Laurent Bako](#), Associate Professor, Laboratoire Ampère, Ecole Centrale de Lyon

### FRIDAY 17 APRIL

**8:30 - 10:30** Lecture (room 101 – building W1)

**10:30 - 11:00** Coffee break (building H9)

**11:00 - 12:30** Lecture (room 101 – building W1)

**12:30 - 14:00** Lunch (l'Ecureuil – building M14)

## 4. Design of optimal identification experiments

Lecturer: [Xavier Bombois](#), CNRS Research Director, Laboratoire Ampère, Ecole Centrale de Lyon

**FRIDAY 17 APRIL**

**14:00 – 16:00** Lecture (room 101 – building W1)

**16:00 - 16:30** Farewell coffee break (building H9)

### Map of the Ecole Centrale Campus

