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 15th 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