

## **Program planned for the school**

### **Monday, June 24, 2019**

#### **Theme of the day: Thunderstorms observations**

- 09:00 – 09:30 Arrival, registration
- 09:30 – 09:45 Welcome by Director of Federal University
- 09:45 – 10:00 Welcome and Information by the local organizers
- 10:00 – 11:00 Introduction to thunderstorm observation (radar, radiometer..) - F. Roux (LA)
- 11:00 – 11:30 Coffee/tea break
- 11:30 – 12:30 Lightning detection – Stéphane Pedeboy (Météorage)
- 12:30 – 14:00 Lunch
- 14:00 – 15:00 Practical exercises on observations
- 15:00 – 15:30 Coffee/tea break
- 15:30 – 17:00 Practical exercises on observations
- 17:00 – 19:00 Reception

### **Tuesday, June 25, 2019**

#### **Theme of the day: Thunderstorm modeling and forecasting**

- 09:30 – 10:45 Introduction to thunderstorm development – Mickaël Kreitz (Météofrance)
- 10:45 – 11:15 Coffee/tea break
- 11:15 – 12:30 Introduction to thunderstorm numerical modeling – Yann Seity (Météofrance)
- 12:30 – 14:00 Lunch
- 14:00 – 15:30 Visit of météoFrance forecasting facilities – Mickaël Kreitz (Météofrance)
- 15:30 – 16:00 Coffee/tea break
- 16:00 – 17:00 Practical exercises of weather forecasting - Mickaël Kreitz (Météofrance)

### **Wednesday, June 26, 2019**

#### **Theme of the day: Space Weather - Impact of lightning and TLE's on the lower ionosphere**

- 09:30 – 10:45 Introduction to ionospheric physics – Aurélie Marchaudon (IRAP)
- 10:45 – 11:15 Coffee/tea break
- 11:15 – 12:30 Ionospheric variability in space weather - Pierre-Louis Blelly (IRAP)
- 12:30 – 14:00 Lunch
- 14:00 – 15:30 A presentation of Taranis
- 15:30 – 16:00 Coffee/tea break
- 16:00 – 17:00 Visit of CNES/Taranis
- 19:00 – 21:00 School dinner in a restaurant Toulouse Centre

### **Thursday, June 27, 2019**

#### **Theme of the day: TLE Observation / Innovation and industrial application**

- 09:30 – 10:45 Observing TLE from space: a long road from the concept to the measurements – Thomas Farges
- 10:45 – 11:15 Coffee/tea break
- 11:15 – 12:30 Sprite observations in South Africa

12:30 – 14:00 Lunch  
14:00 – 15:30 Workshop on Startup creation: Step 1 Project Process  
15:30 – 16:00 Coffee/tea break  
16:00 – 17:00 Workshop on Startup creation: Step 1 Project Process

## **Friday, June 28, 2019**

**Theme of the day: Innovation and industrial application**

09:30 – 10:45 Workshop on Startup creation: Step 2 Risk Analysis  
10:45 – 11:15 Coffee/tea break  
11:15 – 12:30 Workshop on Startup creation: Step 2 Risk Analysis  
12:30 – 14:00 Lunch  
14:00 – 15:15 Workshop on Startup creation: Step 3 Business Model  
15:15 – 15:45 Coffee/tea break  
15:45 – 17:00 Workshop on Startup creation: Step 3 Business Model