

## **Session Program**

**19-22 Jun 2023**



## **IMCC Annual Meeting 2023**

### ***Day 2***

Orsay, France

## Tuesday 20 June

08:30

### Day 2: "Target" joint session - Proton driver + Muon production + BMI + Magnets

**Session** | **Location:** Salle 101 - B. 200 - IJCLab Orsay

#### 08:30–08:50 Target and capture solenoids

##### Speakers

Mr Jose Lorenzo Gomez, Luca Bottura, Pietro Testoni, alfredo portone

#### 08:50–09:10 Overall integration of target solenoid shielding and cryostats

##### Speakers

Antti Kolehmainen, Carlotta Accettura

#### 09:10–09:30 Muon production, radiation shielding and proton beam extraction

##### Speaker

Daniele Calzolari

#### 09:30–09:50 Design of the target system and shielding

##### Speaker

Rui Franqueira Ximenes

#### 09:50–10:10 Proton beam delivery to target & integration with target complex

##### Speaker

Rui Franqueira Ximenes

10:10

10:30

### Day 2: "Cooling" joint session - Proton driver + Muon production + RF + Magnets + Cooling cell

**Session** | **Location:** Salle 101 - B. 200 - IJCLab Orsay

#### 10:30–10:50 Longitudinal muon capture system

##### Speaker

David Neuffer

#### 10:50–11:10 Rectilinear cooling

##### Speaker

Zhu Ruihu

#### 11:10–11:30 Routes to improved cooling performance

##### Speaker

Diktys Stratakis

#### 11:30–11:50 6D cooling solenoids

##### Speakers

Jonathan Pavan, Siara Sandra Fabbri

#### 11:50–12:10 Final cooling system design

12:55

**Speaker**  
Dr Elena Fol

**12:10–12:30 Final cooling solenoid**

**Speaker**  
Bernardo Bordini

14:00

## Day 2: Field Quality joint session - Magnets + Muon production + Accelerator & Collider

**Session** | **Location:** Pierre Lehmann Auditorium - B. 200 - IJCLab Orsay

**14:00–14:20 Field quality requirements for solenoids**

**Speaker**  
Chris Rogers

**14:25–14:45 Field quality requirements for RCS**

**Speaker**  
Dr Antoine Chance

**14:50–15:10 Field quality requirements for collider**

**Speakers**  
Christian Carli, Kyriacos Skoufaris

**15:10–15:30 How good can a magnet be ?**

**Speaker**  
Jose Luis Rudeiros Fernandez

15:30