

## **Session Program**

**5-8 Sept 2023**

# **IBER 2023**

## ***Plenary Talks***

Department of Physics, University of Coimbra  
R. Larga, 3004-516 Coimbra, Portugal

# Wednesday 6 September

09:00

## Plenary Talks

**Session** | **Location:** Department of Physics, University of Coimbra, R. Larga, 3004-516 Coimbra, Portugal

09:00–09:40

### Optical negative ion drift operation at nearly atmospheric pressure

#### Speaker

Prof. Elisabetta Baracchini

09:40–10:20

### Recent developments of the Geant4-DNA extension of the Geant4 Monte Carlo simulation toolkit

#### Speaker

Dr Sébastien Incerti

10:20

14:30

## Plenary Talks

**Session** | **Location:** Department of Physics, University of Coimbra, R. Larga, 3004-516 Coimbra, Portugal

14:30–15:10

### Nuclear Fusion Challenges and the Portuguese contribution

#### Speaker

Bruno Gonçalves

15:10

## Thursday 7 September

09:00

### Plenary Talks

**Session** | **Location:** Department of Physics, University of Coimbra, R. Larga, 3004-516 Coimbra, Portugal

09:00–09:40

#### **Real-time imaging and control of electron motion in molecules: towards attochemistry**

**Speaker**

Prof. Fernando Martin

09:40–10:20

#### **Real-time observation of conical intersection in biomolecules**

**Speaker**

Giulio Nicola Felice Cerullo

10:20

14:30

### Plenary Talks

**Session** | **Location:** Department of Physics, University of Coimbra, R. Larga, 3004-516 Coimbra, Portugal

14:30–15:10

#### **Surprising reaction dynamics of radical cations following electron ionization**

**Speaker**

Dr Marcos Dantus

15:10

## Friday 8 September

09:00

### Plenary Talks

**Session** | **Location:** Department of Physics, University of Coimbra, R. Larga, 3004-516 Coimbra, Portugal

09:00–09:40

#### Present and Future of the ALBA Synchrotron

**Speaker**

Dr Caterina Biscari

10:20

09:40–10:20

#### Ultrafast dynamics in microsolvated biomolecules

**Speaker**

Dr Jochen Küpper