

## **Session Program**

**23-25 Jul 2023**



**PhD School on  
QCD in Extreme Conditions**

**PhD School on QCD in Extreme Conditions**

***Neutron stars & multi-messenger physics***

Department of Physics (University of Coimbra), Room E.10A

## Sunday 23 July

16:00

### Neutron stars & multi-messenger physics: Introduction to neutron stars

**Session** | **Location:** Department of Physics (University of Coimbra), Room E.10A | **Convener:** Carolyn Raithel

17:30

16:00-17:30

#### Introduction to neutron stars

**Speaker**

Carolyn Raithel

## Monday 24 July

14:00

### **Neutron stars & multi-messenger physics: Neutron star masses, radii, and the dense-matter equation of state**

**Session** | **Location:** Department of Physics (University of Coimbra), Room E.10A | **Convener:** Carolyn Raithel

15:30

14:00–15:30

### **Neutron star masses, radii, and the dense-matter equation of state**

**Speaker**

Carolyn Raithel

## Tuesday 25 July

10:30

### **Neutron stars & multi-messenger physics: Neutron star masses, radii, and the dense-matter equation of state**

**Session** | **Location:** Department of Physics (University of Coimbra), Room E.10A | **Convener:** Carolyn Raithel

10:30-12:00

### **Gravitational wave astronomy: a new window into neutron star interiors**

**Speaker**

Carolyn Raithel

12:00