



From  
**26**  
NOV.  
2023  
to  
**02**  
DEC.  
2023

13h00  
-  
15h00

## **2024-T1 QUANTUM MANY-BODY SYSTEMS OUT-OF-EQUILIBRIUM**

### **Introductory school**

Cargèse

INSCRIPTION

**Introductory school at Institut d'Etudes Scientifiques de Cargèse**

**Quantum many-body systems out-of-equilibrium, Cargèse**

**November 26th to December 2nd, 2023**

**This school is part of the thematic trimester program "Quantum many-body systems out-of-equilibrium" held at Institut Henri Poincaré, Paris**

URL of the page: <https://www.ihp.fr/en/events/introductory-school>

We will target this school around 5 themes: (1) spin systems, (2) integrable systems; (3) open quantum systems; (4) Luttinger's theory of liquids; (5) quantum transport theory.

Each theme will be discussed and developed during 3 lesson sessions of one and a half hours each.

The participants will be requested to present a short talk or a poster. We will select the participants and the speakers with the help of the scientific committee.

### **Confirmed courses:**

- Liliana Arrachea (Quantum thermodynamics)
- Sébastien Caux (Integrable systems)
- Sabrina Maniscalco (Open quantum systems)
- Thierry Giamarchi (Luttinger liquids)
- Guido Pupillo (Light-matter interactions)

### **Scientific Committee:**

Giovanna Morigi (Saarbrücken, Germany)

Maxim Olshanii (Boston, USA)

Marcos Rigol (Philadelphia, USA)

Nicolaj Zinner (Aarhus University)



## **INSTITUT HENRI POINCARÉ**

Sorbonne Université / CNRS  
11 rue Pierre et Marie Curie  
75231 Paris Cedex 05

### **TIMETABLE**

The institute:

- Monday to Friday from 8:30am to 6pm,
- closed on public holidays.

The museum - Maison Poincaré :

- Monday, Tuesday, Thursday and Friday from 9:30am to 5:30pm,
- Saturday from 10am to 6pm,
- closed on Wednesday and Sunday.