Du
18
MARS.
2024
au
20
MARS.
2024

09h00
-
18h00

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

Driven Quantum Systems

Institut Henri Poincaré
11 rue Pierre et Marie Curie
75005 Paris

INSCRIPTION

Quantum many-body systems out-of-equilibrium

Workshop 2: Driven Quantum Systems

March 18 to 20, 2024 - IHP, Paris

On the 19th March, the talks will be available on zoom:

URL de la page : https://www.ihp.fr/fr/agenda/driven-quantum-systems

https://univ-cotedazur.zoom.us/j/3777115746?omn=83887855821

Registration is free but mandatory.

Quantum many-body systems out-of-equilibrium offer an amazingly broad spectrum of questions that can be addressed. Examples of this sort are thermalization, quantum chaos, many-body localization, quantum supremacy, dynamics of phase transitions, open and monitored many-body systems. Together with Hamiltonian dynamics, random circuits, where the evolution is generated by a sequence of single- and two-qubit gates will form the core of the conference, as they have proven to capture several essential properties of quantum complex systems. The workshop will bring together experts working on various aspects of this exciting topic.

Invited speakers:

- *Liliana Arrachea (Uni. San Martín, Buenos Aires)*
- *Iacopo Carusotto (BEC Center, Trento)*
- *Cristiano Ciuti (Uni. Paris Cité)*
- *Sebastian Diehl (Uni. Koeln)**
- *Markus Heyl (Uni. Augsburg)*
- *Alain Joye (Uni. Grenoble)*
- *Christiane Koch (Uni. Berlin)*
- *Jamir Marino (Uni. Mainz)*
- *Dganit Meidan (Ben Gurion Uni.)*
- *Mauro Paternostro (Uni. Palermo)*
- *Anatoli Polkovnikov (Boston Uni.)*
- *Krzysztof Sacha (Uni. Kraków)*
- *Antonello Scardicchio (ICTP, Trieste)*
- *Marco Schirò (College de France, Paris)*
- *Alessandro Silva (SISSA, Trieste)*
- *Marzena Szymanska (Uni. College, London)*
- *Hakan Tureci (Princeton Uni.)*
- *Xhek Turkeshi (Uni. Koeln)*
- *Diego Porras (CSIC, Madrid)*
- *Tony Jin (Uni. Nice)*

* To be confirmed

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HORAIRES

L'institut :
• lundi au vendredi de 8h30 à 18h,
• fermé les jours fériés.

Le musée - Maison Poincaré :
• lundi, mardi, jeudi et vendredi
de 9h30 à 17h30,
• samedi de 10h à 18h,
• fermé le mercredi et le dimanche.