Du
02
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06
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2020

09h00
-
18h00

2020-T3 SYSTEMS OUT OF EQUILIBRIUM

Frontiers in out of equilibrium dynamics of many-body systems

Institut Henri Poincaré
Amphithéâtre Hermite
11 rue Pierre et Marie Curie
75005 Paris

INSCRIPTION

In the context of the IHP Trimester "Systems out of equilibrium", the conference "Frontiers in out of equilibrium dynamics of many-body systems" will take place **at the Institut Poincare, Amphi Hermite, from the 2nd to the 6th of November 2020**. **CANCELED.**

We plan to have lectures only during the morning in the Amphi Hermite to ensure social distancing between participants.

Back to the thematic trimester main page.

See the programme . **CANCELED.**

Lecturers:
-- C. Aron, "Towards non-analytic non-equilibrium field theory".
-- O. Castro-Alvaredo, "Unstable Quasi-Particles in Integrable Quantum Field Theory: a Generalized Hydrodynamics Viewpoint".
-- R. Chetrite, "From fluctuating kinetics to fluctuating hydrodynamics : a large deviation functional approach".
-- B. Doyon, "tba".
-- J. Dubail, "tba".
-- M. Fagotti, "tba".
-- T. Jin, "Quantum ergodicity hypothesis and fluctuations around equilibrium".
-- J. Kuchan, "Quantum Kolmogorov-Sinai entropy and Pesin relation".
-- S. Majumdar, "Universal survival probability for a d-dimensional run-and-tumble particle".
-- Y. Miao, "Semi-classical quantisation of magnetic solitons in the anisotropic Heisenberg model".
-- S. Pappalardi, "Entanglement dynamics and chaos in systems with collective and long-range interactions".
-- M. Picco, "Dynamics for first order transitions and metastability".
-- V. Ros, "On the role of fluctuations in the many-body localized phase".
-- A. Rosso, "Bath-induced Zeno localization in driven many-body quantum systems".
-- H. Saleur, "tba".
-- G. Schehr, "Non-equilibrium dynamics of noninteracting trapped fermions".
-- M. Schiro, "tba".
-- G. Sierra, "Tensor Network Renormalization and Integrability of the Free Boson Field Theory".
-- M. Tarzia, "tba".
-- P. Vignolo, "The importance of how quantum particles approach each other: the Tan's contact in one-dimensional trapped bosonic and fermionic gases".

Organizers :
Denis Bernard, CNRS & ENS Paris (France)
Leticia F. Cugliandolo, Sorbonne Université (France)
Giuseppe Mussardo, SISSA (Italy)

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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.