Du
25
AVR.
2017
au
28
AVR.
2017

08h00
-
18h00

2017-T2 STOCHASTIC DYNAMICS OUT OF EQUILIBRIUM

Numerical aspects of nonequilibrium dynamics

IHP

INSCRIPTION

Many successful approaches for the efficient simulation of equilibrium systems cannot be adapted as such to nonequilibrium dynamics. This is the case for instance for standard variance reduction techniques such as importance sampling or stratification.

This 3 day workshop is therefore focused on developments of original numerical methods specifically dedicated to the simulation of nonequilibrium systems, as well as their certification in terms of error estimates - for instance, quantification of statistical uncertainties and bias as a function of a timestep or number of realizations.

This workshop is funded by the ERC grant MsMath, and also benefits from the scientifc environment of the ANR project COSMOS.

URL de la page : https://www.ihp.fr/fr/agenda/numerical-aspects-nonequilibrium-dynamics



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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.