

*Organisé conjointement par
CPHT-École Polytechnique et Groupe Théorie IPN Orsay*

SÉMINAIRE de PHYSIQUE des PARTICULES

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Holographic Dynamics across a phase transition

Résumé :

A massive experimental effort will be devoted in the coming years to the physics of QCD at high energy density and/or high baryon density. Understanding this physics may require understanding out-of-equilibrium gauge theory dynamics in the presence of a phase transition. I will discuss how holography can help us address this challenge. Topics covered will include the real-time evolution of phase separation and the far-from-equilibrium dynamics near a critical point. No prior knowledge of string theory required.

Lundi 17 Juin 2019

14:00

Salle de conférence Louis Michel, bât. 6