Institut Henri Poincaré

11 rue Pierre et Marie Curie, 75231 Paris cedex 05

String Theory in Greater Paris

Rencontres Théoriciennes

"Supergravité, théorie des cordes et théorie M"

Jeudi 20 Juin 2019, 11:40

David Mateos

U. Barcelona

Holography at High Density

The physics of Quantum Chromodynamics (QCD) at high density is notoriously difficult to study by conventional methods. Yet this physics will be probed by future observations of gravitational wave signals coming from neutron star mergers. I will discuss what light holography can shed on this difficult regime, paying particular attention to possible crystalline and color superconducting phases.

Institut Henri Poincaré, salle 314, 3ème étage