

CEA - Saclay 91191 Gif-sur-yvette Cedex
Service de Physique de l'Etat Condensé
SÉMINAIRE

Mercredi 3 novembre 11h15

Orme des Merisiers SPEC Salle Itzykson, Bât.774

Optomechanics at low phonon number

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The recent advances in optomechanics will be presented where a macroscopic mechanical oscillator is actively cooled down close to its quantum ground state. In particular signatures of resonant coupling between phonons and structural defect states will be explained, as well as new prospects in optomechanics.

A coffee break will be served at 11h00. The seminar will be given in English.

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