



**ΚΟΙΝΟ ΣΕΜΙΝΑΡΙΟ ΚΕΝΤΡΟΥ ΚΒΑΝΤΙΚΗΣ ΠΟΛΥΠΛΟΚΟΤΗΤΑΣ ΚΑΙ
ΝΑΝΟΤΕΧΝΟΛΟΓΙΑΣ & ΚΕΝΤΡΟΥ ΘΕΩΡΗΤΙΚΗΣ ΦΥΣΙΚΗΣ ΚΡΗΤΗΣ /**

JOINT CCQCN -CTRP SEMINAR

Thursday, 13 March 2014

17:00-18:00

3rd Floor Seminar Room

Smaller is different and more: surprises in low dimensional superconductivity

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Abstract

This talk will present a review of recent experimental and theoretical advances in the problem of superconductivity in nanograins, thin films, heterostructures and Josephson arrays of nanograins of conventional and high temperature superconductors. As a guiding principle the talk focuses on theoretical mechanisms and experimental settings that can exploit quantum size and non equilibrium effects to boost superconductivity in these systems.

