



CCQCN

CRETE CENTER FOR  
QUANTUM COMPLEXITY  
AND NANOTECHNOLOGY

ΣΕΜΙΝΑΡΙΟ ΚΕΝΤΡΟΥ ΚΒΑΝΤΙΚΗΣ ΠΟΛΥΠΛΟΚΟΤΗΤΑΣ & ΝΑΝΟΤΕΧΝΟΛΟΓΙΑΣ/  
CCQCN SEMINAR

**Thursday, 03 July 2014**

**12:00-13:30**

**1<sup>st</sup> Floor Fermi Room**

**Seminar on cold atom gas**

Dr. Patrick Navez

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&  
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**Abstract**

The fourth seminar will focus on the interacting Bose condensed gas, more precisely the pseudo-potential formalism, the Feshbach resonance, the Gross-Pitaevskii equation derivation, the Thomas-Fermi limit, the Bogoliubov excitation .

Everyone interested is welcome

