



CCCN

CRETE CENTER FOR
QUANTUM COMPLEXITY
AND NANOTECHNOLOGY



Crete Center
for Theoretical Physics



**ΚΟΙΝΟ ΣΕΜΙΝΑΡΙΟ ΚΕΝΤΡΟΥ ΚΒΑΝΤΙΚΗΣ ΠΟΛΥΠΛΟΚΟΤΗΤΑΣ ΚΑΙ
ΝΑΝΟΤΕΧΝΟΛΟΓΙΑΣ & ΚΕΝΤΡΟΥ ΘΕΩΡΗΤΙΚΗΣ ΦΥΣΙΚΗΣ ΚΡΗΤΗΣ /
JOINT CCQCN - CCTP SEMINAR**

Tuesday, 31 May 2016

15:00-16:00

2nd Floor Seminar Room

Weyl semimetals and holography

Dr. Francisco Pena-Benitez
INFN Perugia

Abstract

In this talk I will review the main properties of Weyl semimetals. Then I'll discuss a holographic model that realizes some of the features of these materials. In particular, I will analyze the electrical conductivity and its frequency dependence.

