



CRETE CENTER FOR
QUANTUM COMPLEXITY
AND NANOTECHNOLOGY

ΣΕΜΙΝΑΡΙΟ ΚΕΝΤΡΟΥ ΚΒΑΝΤΙΚΗΣ ΠΟΛΥΠΛΟΚΟΤΗΤΑΣ &
ΝΑΝΟΤΕΧΝΟΛΟΓΙΑΣ/ CCQCN SEMINAR

Wednesday, 21 October 2015

11:00-13:00

3rd Floor Seminar Room

Artificial optical media

Prof. Alexandre Zagoskin

Department of Physics, Loughborough University

Abstract

I will give an overview of research on artificial optical media – photonic crystals, classical and quantum metamaterials. Here meet classical and quantum optics, microwave physics, solid state physics and quantum information processing. In particular, I will describe superconducting quantum metamaterials and their possible applications to image acquisition and processing in the microwave range.

