NITheP & Quantum Research Group cordially invites you to a seminar by:

Dr. Sile Nic Chormaic

OIST Graduate University, Japan

Date: Monday, 20th May 2013
Time: 15h00
Venue: NITheP Seminar Room, H-Block, 3rd Floor

Title: Whispering Gallery Mode Resonators: From Spheres to Bubbles

Abstract

In this talk I will report on whispering gallery resonators and their applications in sensing. The work will focus on different resonator geometries, including microspheres, microbubbles and micropendulums. Aside from the applied research, the potential of using these resonators for studying quantum phenomena on a macro scale will be discussed, in particular in relation to cooling mechanisms that should be achievable in opto-mechanics.

Tea, coffee & biscuits will be served after the talk