



Public Lecture by **Prof. Sir Michael Berry**

The Theoretical Optics and Photonics (TOP) group and the Experimental Quantum Optics (EQO) group, together with the PREIN flagship, are proud and honoured to announce, that

Prof. Sir Michael Berry

Melville Wills Professor of Physics (Emeritus)
University of Bristol (Bristol, UK – Europe)

will give a public lecture at Tampere University

Friday, June 17th at 18:00 (SHARP!)
Lecture Hall A1 – City Centre Campus, Main Building

Sir Michael Berry is one of the most distinguished physicists in optics and quantum mechanics. Amongst many other things, he is known for his contribution to geometry and topology concerning Berry phase, connection and curvature, and his great contribution to the physics of light. In addition to being knighted, he received some of the most prestigious prizes of physics, e.g., Dirac medal, Royal medal, Lorentz medal, Wolf prize as well as the Ig Nobel prize.

In his lecture, Sir Michael Berry will talk about:

The physics of light in eighty pictures

This is a talk based entirely on pictures. Seas sparkle, sunshine makes rainbows, ships make waves. The explanations of these familiar phenomena are as abstract as elsewhere in physics, but pictures are helpful because in light and water waves we can often see what we are talking about. There are other optical phenomena that are not immediately perceived (associated with polarization or fine-scale interference, for example), but even with these we can generate pictures to help our understanding. Poets and novelists, as well as painters, have sometimes represented optical phenomena in ways surprisingly close to those of physicists.



You are all welcome to participate!