

# CHAOS AND QUANTUM GRAVITY

WITH TIM PALMER

MAY 22 . 2013

From the chaos theory to the formulation of the theory of quantum gravity, including a revision of quantum mechanics: these will be the themes addressed at SISSA on the occasion of the next Sciamia Lecture, featuring British meteorologist Tim Palmer.

## INFO

**Held on:** Wednesday 22 May 2013

**When:** 5.30 pm

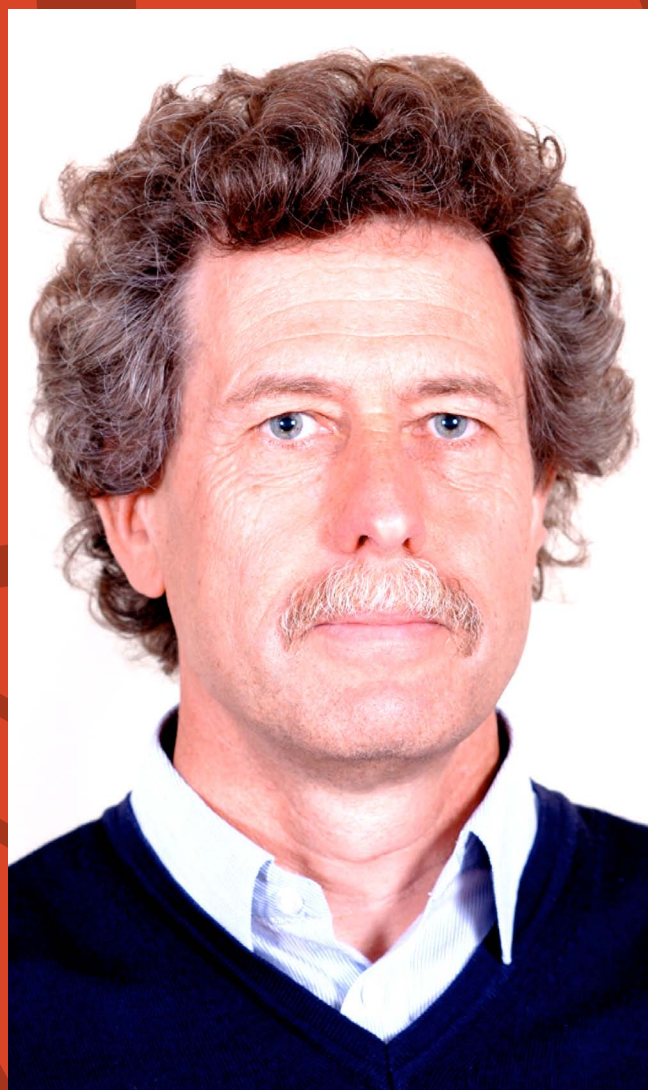
**Where:** Aula Magna, SISSA  
via Bonomea, 265 - Trieste

**Language:** English

On Wednesday 22nd May, on the occasion of the yearly appointment with the Sciamia Lecture, Tim Palmer, a physicist of the University of Oxford, starting from the chaos theory will illustrate how certain aspects are applicable to various physics fields. In particular, Palmer will explain how these concepts, applied to the study of the Universe, may have deep implications for the research towards a quantum theory of gravity, considered by many as a Holy Grail of physics. Palmer also proposes to reconsider the foundations of quantum mechanics, an operation many physicists may consider rather "daring".

## TIM PAL MER

**Timothy Palmer** is a British meteorologist, a professor at the University of Oxford and a scientist of the European Centre for Medium-Range Weather Forecasts. Palmer is also Chairman of the Royal Meteorological Society.



MORE  
INFO

PRESSOFFICE@SISSA.IT  
WWW.SISSA.IT