



Berlin
Mathematical
School

BMS Friday Colloquium

Friday 20 April 2012 at 14:15

Tea before the lecture begins at 13:00

BMS Loft, Urania, An der Urania 17, 10787 Berlin

Edriss S. Titi

(UC Irvine and Weizmann Institute of Science)

The Navier-Stokes, Euler and Other Related Equations

In this talk Edriss Titi will survey the status of and the most recent advances concerning the questions of global regularity of solutions to the three-dimensional Navier-Stokes and Euler equations of incompressible fluids. Furthermore, he will also present recent global regularity results concerning certain three-dimensional geophysical flows, including the three-dimensional viscous "primitive equations" of oceanic and atmospheric dynamics.

Professor Edriss Titi is a worldwide renowned applied mathematician with broad interests in nonlinear science and scientific computation who specializes in the mathematical study of problems from fluid dynamics, nonlinear partial differential equations, and in a dynamical systems approach to turbulence. His contributions to these areas are of the highest calibre and practical impact.

