



A lecture series within the seminar
Exact Results in Quantum Theory & Gravity

Prof. Neil Lambert

King's College, London & Faculty of Physics, University of Warsaw

AN INTRODUCTION TO

STRING THEORY AND M-THEORY

Abstract:

We will attempt to describe the basic elements of string theory, starting from the world sheet description of a bosonic string, through superstrings and then eventually, time permitting, the non-perturbative features and M-theory.

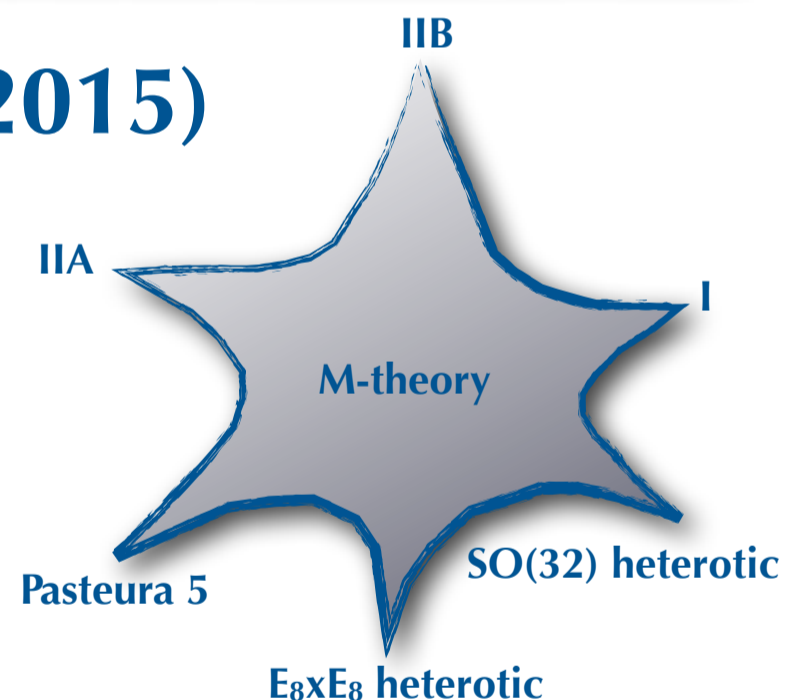
March 6th, 13th, 20th, 27th (2015)

Faculty of Physics, University of Warsaw

ul. Pasteura 5

Lecture hall 1.40

Time: 14¹⁵-16⁰⁰, Friday



Prof. Neil Lambert is a theoretical physicist, his research is primarily concerned with supersymmetry, string theory and M-theory. He completed a PhD in String Theory and Branes at the University of Cambridge in 1996. After postdoctoral studies in King's College (London), ENS (Paris), and Rutgers University (USA), he became a professor at King's College. In 2010-2013 he was also a staff scientist at CERN.

In January 2015 Prof. Lambert became an affiliated professor at the Faculty of Physics, University of Warsaw, where he will spend next few years.