Seminar: "Geometry&Physics@DFT"

Location: DFT seminar room (IFIN-HH),
(http://events.theory.nipne.ro/gap/index.php/seminar)
(http://www.nipne.ro/indico/categoryDisplay.py?categId=5)

Date: Friday, 18 July 2014, 11 am

Title: **De Sitter from String Theory**

Speaker: **Dr. Radu Tatar** (Univ. Liverpool)

Abstract: "We revise various aspects of de Sitter spacetimes obtained from String Theory. We then consider the classical theory of a ten-dimensional two-derivative gravity coupled to fluxes, scalar field, D-branes, anti D-branes and Orientifold-planes and show that such set-ups do not give rise to four-dimensional positive curvature space-time with the isometries of a de Sitter spacetime. We argue that a de Sitter solution in type IIB theory may still be achieved if the higher-order curvature corrections are carefully controlled."