

Seminar: "Geometry&Physics@DFT"

Location: seminar room DFT (IFIN-HH),
(<http://events.theory.nipne.ro/gap/index.php/seminar>)

Date: Friday, November 29, 2013, 12 am

Title: **Equations defining K3 surfaces**

Speaker: **Dr. Marian APRODU** (Senior Researcher I at IMAR)

Abstract: "Andre Weil invented the name "K3" to honor three great mathematicians: Kummer, Kaehler and Kodaira, and the mountain K2. The question we plan to discuss is the following: given a projective K3 surface, how complicated its defining equations can be? We prove that the answer depends on the geometry of the hyperplane sections. The talk is mainly based on a joint work with Gabi Farkas (HU Berlin) and on two previous works by Claire Voisin (Ecole Polytechnique CNRS)."