

Seminar: "Geometry&Physics@DFT"

Location: seminar room 306 (IMAR),
(<http://events.theory.nipne.ro/gap/index.php/seminar>)

Date: Thursday, 6 February 2014, 10:30 am

Title: **Singularities and integrability of birational dynamical systems on the projective plane**

Speaker: **Dr. Stefan CARSTEA**
(Geometry and Physics Group, DFT, IFIN-HH)

Abstract: "We discuss the integrability of two dimensional birational mappings using the dynamics of blow ups on the projective plane. We shall focus on non-QRT mappings and Hirota-Kimura discretizations of reduced Nahm equations. Extensions to the case of tropical dynamical systems are discussed"