

Seminar: "Geometry&Physics@DFT"

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

Date: Friday, January 16, 2015, 11:00 a.m.

Title: **Geometric features of reproducing kernels**

Speaker: **Dr. Daniel Beltita** (IMAR)

Abstract: "We show that many reproducing kernels lead in a very natural manner to differential geometric objects like linear connections, covariant derivatives and curvatures. The correspondence from kernels to connections is achieved through a pullback operation from the tautological bundle, using a suitable classifying morphism for the given kernel. The theory is illustrated by several examples."