

Seminar: “Geometry&Physics@DFT”

Location : IMAR, Room 309
([Seminar Homepage](#)) ([Indico Page](#))

Date: Wednesday, November 25, 2015, 10:00 a.m.

Title: **Balanced metric on the Siegel-Jacobi ball**

Speaker: **Dr. Stefan Berceanu**
(DFT, IFIN-HH)

Abstract: We determine the matrix of the balanced homogeneous metric of the Siegel-Jacobi ball and its inverse. We calculate the scalar curvature, the Ricci form and the Laplace-Beltrami operator of this manifold. We discuss several geometric aspects related with Berezin quantization on the Siegel-Jacobi ball.