

*Seminar:* "Geometry&Physics@DFT"

*Location:* IMAR, room 309,

(<http://events.theory.nipne.ro/gap/index.php/seminar>)

(<http://www.nipne.ro/indico/categoryDisplay.py?categId=16>)

*Date:* Monday, 12 May 2014, 10-11:30 am

*Title:* **Geometry & Physics on Siegel-Jacobi Spaces**

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

*Abstract:* "The Jacobi group is the semidirect product of the symplectic group with Heisenberg group. The Siegel-Jacobi domains are reductive, nonsymmetric domains associated to the Jacobi groups by the generalized Harish-Chandra embedding. We describe the classical and quantum evolution on the Siegel-Jacobi spaces determined by a linear Hamiltonian in the generators of the Jacobi group."