

*Seminar:* "Geometry&Physics, DFT"  
(<http://events.theory.nipne.ro/gap/index.php/seminar>)  
(<http://www.nipne.ro/indico/categoryDisplay.py?categId=5>)

*Location:* DFT seminar room

*Date:* Friay, 10 July 2015, 11:00 am

*Title:* **Tachyonic Antibranes and the Multiverse**

*Speaker:* **Dr. Iosif Bena** (IPhT-CEA, Saclay)

*Abstract:* "I will discuss several features of antibranes in backgrounds that have charge dissolved in fluxes, and I will explain that these antibranes have a naked singularity that cannot be resolved either by brane polarization or by cloaking with a black hole horizon. I will also present recent evidence that this singularity indicates a tachyonic instability. I will conclude by discussing the implications of these results for the existence of a Multiverse of deSitter vacua in String Theory."