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ARNOLD SOMMERFELD  
CENTER FOR THEORETICAL PHYSICS



# Sommerfeld Theory Colloquium

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**Scenarios of baryogenesis and  
“experimental” search for cosmic antimatter**

In connection with the existing and forthcoming missions dedicated to search for cosmic antimatter, the models of baryogenesis leading to an efficient creation of astronomically large antimatter objects are reviewed. It is argued that such objects may be abundant in the universe and even in the Galaxy. Their observational signatures and the prospects for discovery are discussed.

Wednesday, 17<sup>th</sup> November 2010, 10:30 h, Room 348 / 349, Theresienstr. 37 / III

Prof. V. Mukhanov