

**Beam Time request for the 9 MV tandem accelerator.**

**Title of Contract: CAST – ( Carbon 14 – Source Term)  
GRANT AGREEMENT no. 6047790**

**Project leader: Catalin Stan-Sion (RO) and P. Dr. Viorel Fugaru**

**Short description: Measurements will determine the concentration of  $^{14}\text{C}$  in graphite sample extracted from the thermal column of the VVRS Nuclear Reactor of IFIN-HH. Experiments will be performed by AMS . Standard reference samples will be used.**

**Requested beam time:**

**2 x 4 days , first period in March-April and last in May-June , next year.**