



Scientists in the Cosmos – SIC

In affiliation with Nuclei in the Cosmos – IX
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Name : Liesbeth De Smet
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Phone : +32 (0)14 571 532
Present institution : University of Gent (Belgium), Department of Subatomic and Radiation Physics
Present position : temporary scientific staff member
Present position expires... end of September 2006
Nationality : Belgian
Main fields of interest : Experimental nuclear astrophysics; Low-energy nuclear reactions; Nucleosynthesis
Brief CV: 10/1997 – 06/2001: Study of Physics (Diploma) at University of Gent, thesis: "The role of neutrinos in type II supernova explosions" promoter: Prof. Dr. K. Heyde

10/2001 – 09/2005: PhD student at the University of Gent (Belgium): PhD in science - physics
PhD thesis: "Neutron induced reactions on ^{26}Al , ^{36}Cl and ^{41}Ca and their astrophysical implications"
promoter: Prof. Dr. C. Wagemans

10/2005 - 09/2006: Temporary scientific staff member at the University of Gent (Belgium), subject: study of neutron induced reactions
Looking for... Postdoc
Region : Europe
Duration : \geq 24 months
Comments : The measurements for the PhD thesis are performed at the linear accelerator facility GELINA of the IRMM in Geel, Belgium (EU-JRC). It produces a white neutron spectrum with neutron energies ranging from 1 meV up to 20 MeV.
Jobdescription from 10/2001 until 09/2006: determination of neutron induced charged particle reaction cross sections on low mass nuclei important for nucleosynthesis calculations.