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Experiment Title                   AMS depth profiling of hydrogen isotopes in  
divertor tiles  
from JET tiles and investigation of W deposition techniques and gas  
inclusions.

Experiment Responsible       Stan-Sion  
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Short presentation of the scientific project  
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The scientific project runs under the Euratom contract JW 10-FT-60. In  
this  
experiment complete distribution of the hydrogen retention in carbon  
protection  
tiles from the JET divertor system is the main task assumed. Further on ,  
inclusions of  
gases (d,t) during W and Be deposition techniques will be measured in  
order to  
simulate modifications that could occur in the ITER Wall.

Beam time request(unit=8 hours) : 20  
Desired Period                    : 10 November 2010

Desired beam properties  
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Type                               : 14C  
Energy(MeV)                       : 8 MeV  
Intensity(p/nA)                    :  
Vacuum Requests                    : 10E-6

Special requirements for detectors, electronics, acquisition system  
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no requested

Minimal information needed for the radiological risk evaluation:  
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a)Source activity                 : not applicable  
b)Use of open sources             :  
c)Estimate of the residual activity as a result of irradiation : zero  
d)Means of storage/transportation for irradiated targets        :