

Experimental report

03/02/2016

Proposal: INTER-290

Council: 4/2014

Title: Internal time on IN11

Research area:

This proposal is a new proposal

Main proposer: Orsolya CZAKKEL

Experimental team:

Local contacts: Peter FOUQUET
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Samples: carbon, C
hydrogen, H2

Instrument	Requested days	Allocated days	From	To
IN11	6	6	17/09/2014	23/09/2014

Abstract:

“Dynamics of molecular hydrogen in carbon gel systems”

Experimental report on INTER-280 experiment

The aim of the experiment was to perform the first neutron spin-echo measurements on the diffusion of H_2 on carbon aerogel surface. Unfortunately due to unforeseen interference with high, external magnetic field applied at an other instrument nearby, the beamtime was lost, no exploitable data was obtained. The experiment was later repeated.