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## POSTDOCTORAL RESEARCHER

### Uppsala University – Studsvik Neutron Research Laboratory

The Studsvik Neutron Research Laboratory (NFL) is the Swedish centre for reactor based research using neutrons in physics, chemistry, materials science and engineering. NFL is a department of Uppsala University but is responsible for providing neutron research facilities both nationally and internationally.

NFL has a vacancy for a postdoctoral researcher, to work primarily in the area of residual stress measurement and analysis. Applicants should hold a Ph.D. in an appropriate field. The person appointed will be expected to carry out an active programme of research using the neutron scattering instrumentation at NFL, and at other facilities as relevant. A proportion of beamtime at NFL is guaranteed to in-house staff.

In collaboration with the laboratory director, Dr Robert McGreevy, and the REST instrument scientist, Dr Ru Lin Peng, they should

- assist with instrument operation and the external user programmes,
- participate in Swedish activities related to the European Spallation Source project and
- participate in educational activities, for example practical experimental courses at NFL.

A significant part of the work will be associated with advanced software development in the area of residual stress analysis; this is funded by the SCANS (Software for Computer Aided Neutron Scattering) network under the Improving Human Potential programme of the European Commission; see <http://www.studsvik.uu.se/scans.htm> for more details.

The salary will be in the region of 15000 SEK per month (after tax), depending on age and experience. Funding for this position is available for a two year period.

For information on facilities and research at NFL see our web site at <http://www.studsvik.uu.se>. Informal enquiries should be addressed to [mcgreevy@studsvik.uu.se](mailto:mcgreevy@studsvik.uu.se) or [rulin@ikp.liu.se](mailto:rulin@ikp.liu.se).

Applications including a description of research experience, a full CV and names and addresses of two referees should be sent to Dr Robert McGreevy at

Studsvik Neutron Research Laboratory  
Uppsala University  
S-611 82 Nyköping  
Sweden

or by E-mail to [mcgreevy@studsvik.uu.se](mailto:mcgreevy@studsvik.uu.se), to arrive before 13<sup>th</sup> August 2001.