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David Kohlstedt

David L. Kohlstedt wins EGU Louis Néel Medal 2005

The American scientist David L. Kohlstedt has won the prestigious EGU Louis Néel Medal 2005 for his pioneering research in deformation processes in minerals and rocks, establishing a fundamental physical basis for the rheology of the upper mantle and tectonic processes in oceanic ridges.

This medal has been established by the Division on Magnetism, Palaeomagnetism and Rock Physics in recognition of the scientific achievements of Louis Eugène Felix Néel, who shared the 1970 Nobel Prize of Physics for his fundamental research and discoveries concerning antiferromagnetism. This medal is reserved for individuals in recognition of outstanding achievements in magnetism and palaeomagnetism, as defined in its broadest sense.

David L. Kohlstedt is a major figure in the international community of rock deformation researchers. He is one of only a handful of scholars who have made brilliant use of condensed matter physics to make seminal discoveries in the shear deformation of the lower crust and uppermost mantle of the Earth.

David Kohlstedt is currently a professor at the University of Minnesota at the department of Geology and Geophysics.

Professor Kohlstedt will accept his medal and give a lecture, titled: **'Mantle Flow, Melt Migration, and Seismic Anisotropy: Aligned Against the Flow'** at the EGU General Assembly, to be held in Vienna, Austria from 24 – 29 April. The lecture starts at 17.30, on the 27th of April.

Contact:

Dick van der Wateren
EGU Press Officer

egu.press@copernicus.org

+31-20-4632559

Peter Vlam
assistant press officer

+31 (0)20 4632647

links

Prof. Kohlstedt's lecture:

www.cosis.net/abstracts/EGU05/03336/EGU05-A-03336.pdf

The EGU prize winners: <http://www.copernicus.org/EGU/awards/general.html>

The EGU General Assembly: <http://www.copernicus.org/EGU/ga/egu05/>