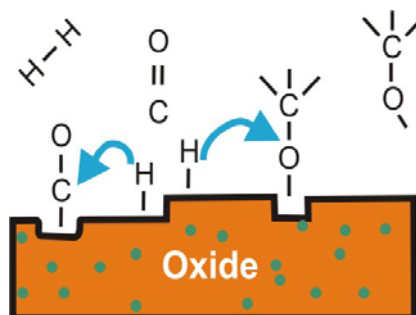


Ruhr-Universität Bochum



SFB 558

„Metall-Substrat-Wechselwirkungen in der heterogenen Katalyse“

**Einladung
zum Vortrag von**

Prof. Dr. Jordi Llorca
Institute of Energy Technologies
Technical University of Catalonia, Barcelona
(Gast von Prof. Wöll und Prof. Idriss)

How HRTEM help to identify active centers in catalysts?

Abstract: High resolution transmission electron microscopy (HRTEM) is a powerful characterization technique that allows to infer information about solid phases at the atomic scale. Characterization of active centers in catalysts is compelling but, in some cases, HRTEM may help to unravel their nature. In supported catalysts, the size of nanoparticles, their geometry, the interphase with the support, the type of crystallographic planes exposed, etc. may determine the performance of samples and can be studied in detail by HRTEM.

Termin:	18.01.2008
Zeit:	14.00 h
Ort:	HNC 3/99

Gäste sind herzlich willkommen.