



DECHEMA

Gesellschaft für
Chemische Technik und
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VERANSTALTUNGEN

607. DECHEMA-Kolloquium am **26. Oktober 2006, 14:00 Uhr**
Frankfurt am Main, Theodor-Heuss-Allee 25, DECHEMA-Haus
In Zusammenarbeit mit dem VDI-Bezirksverein Frankfurt-Darmstadt

New horizons for diffusion research in nanoporous materials: Experiments, Theory and Application

Diffusions in zeolites – a never-ending story?
Prof. Dr. J. Kärger, Universität Leipzig

Diffusion studies by QENS – measurements approaching the „ideal“ situation
Dr. H. Jobic, Institut de Recherches sur la Catalyse, Villeurbanne, France

Correlating molecular modelling and experimental diffusivities
Prof. Dr. D. Theodorou, National Technical University of Athens, Greece

Ideal vs. real zeolite structure: options to discriminate
Prof. Dr. J. Caro, Universität Hannover

Studying „macroscopic“ aspects of diffusion
Prof. Dr. St. Brandani, University College London

From diffusion research to industrial application
Prof. Dr. D. Ruthven, University of Maine, Orono, Maine, USA

Mass transfer coefficients determined from break-through experiments
Dr. J. Oppermann, Linde AG, Höllriegelskreuth

Chairman: Dr. U. Müller, BASF AG, Ludwigshafen