

Matthias Thommes

Matthias Thommes received his PhD in Physical Chemistry with Prof. G.H. Findenegg at Ruhr University Bochum (1989-1991) and Technical University Berlin (1992/93). From 1992- 1995, Dr Thommes was a Research Associate at the Iwan-N.-Stranski Institute of Physical and Theoretical Chemistry, Technical University Berlin and Project Scientist for a microgravity experiment on critical adsorption which was carried out on the EURECA mission of the European Space Agency (ESA). From 1996 to 1997, he was an ESA fellow and Postdoctoral Research Associate at the Institute for Physical Science and Technology at the University of Maryland at College Park, USA. In 1998 Dr Thommes joined Quantachrome, first as the Head of the Application Department at Quantachrome GmbH in Germany, and then since 2001 as Director of Applied Science at the Quantachrome Headquarters in Boynton Beach, Florida, USA.

Dr Thommes's research interests are in the textural characterization of advanced micro/mesoporous materials (e.g., zeolites, M41S materials, SBA-15 silica, KIT-6 silica, and hierarchically ordered porous materials) and thin porous films; and in adsorption and phase behavior (e.g., pore condensation, hysteresis) of wetting and nonwetting fluids confined to novel nanoporous model materials.

Dr Thommes is a Taskforce Member of the IUPAC (International Union for Pure & Applied Chemistry), project *Liquid intrusion and alternative methods for the characterizations of macroporous solids*. In 2006 he was elected as a council member of the International Mesoporous Materials Association (IMMA).