

Maximilian Fichtner

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Dr. Maximilian Fichtner studied Chemistry at the University of Karlsruhe and did his Ph.D. work in Surface Science.

After three years as an assistant to the Board of Directors at the former Karlsruhe Nuclear Research Center he left the Board to build up his own group in the field of Micro Process Engineering, with a focus on heterogeneous catalysis in microchannels. Then he was called to build up a new activity in the field of energy storage, at the new Institute of Nanotechnology at the Research Centre Karlsruhe (FZK), where he started in 2001. The group has 16 members at the moment.

He is spokesman of the "HyTecGroup", the biggest research activity on hydrogen in Germany, and represents his country at the Hydrogen Implementation Agreement of the International Energy Agency (IEA), Task 22 and in the International Steering Committee of the 'International Symposium on Metal Hydrogen Systems'. In 2005 he was called to the advisory council 'Hydrogen and Fuel Cells' of the Federal Ministry of Economy. He has also been co-ordinator of several collaborative research projects, e.g. the EU project 'NANOHy' which started in 2008. He is author of 90 papers, 12 patents and received the Hermann-Billing Award.

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