

# Karl-Heinz Haas

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Head of business unit construction and environment  
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## **Current interests and projects:**

Nanoscaled hybrid inorganic-organic polymers and sol-gel-based inorganic materials as thin films, membranes, fibers and composites for applications in surface finishing, microelectronics, optics etc. nanomaterials for construction and environment, lecturer for nanotechnology

## **Personal data:**

Born May 4, 1955 Maulbronn/Enzkreis (Germany); Married, one child

## **Education:**

Ph. D. Physical Chemistry - Electrochemistry, University of Karlsruhe, 1983  
M. S. Diploma-Thesis, University of Karlsruhe, 1980

## **Professional Experiences:**

*since April, 2008* - Head of business unit "Construction and environment" at Fraunhofer ISC  
*since April, 2004* - Spokesman Alliance Nanotechnology of Fraunhofer-Society  
*April, 2002 - February 2009* - Deputy Director of Fraunhofer-Institut für Silicatforschung, Würzburg  
*August 1, 1995 - March 30, 2002* - Head of Hybrid Polymer Department at Fraunhofer ISC  
*April 1, 1988 - July 31, 1995* - R&D Scientist and Project Leader at Central Polymer Research BASF AG, Ludwigshafen and Tsukuba/Japan (2,5 years) working on hybrid polymers (nanoreinforcement of thermoplastics) and functional polymers for 3<sup>rd</sup> order nonlinear optics  
*Jan 1, 1984 - March 30, 1998* - R&D Scientist, Project and Group Leader at Fraunhofer ISC in the field of hybrid polymers