

Hanns Hofmann Prize for Raimund Horn

Raimund Horn (Fritz Haber Institute of the Max Planck Society (FHI), Berlin) was awarded the 2011 DECHEMA Hanns Hofmann Prize for his work on temporal and spatially resolved kinetic characterization of high-temperature heterogeneous catalytic reactions. The prize comes with an endowment of €3,000 and aims to promote young scientists in the field of chemical reaction engineering.

Horn studied chemistry at the Friedrich Schiller University of Jena in Germany before moving to the Fritz Haber Institute to work with R. Schlögl and he received his PhD from the Technical University Berlin/FHI in 2003. He remained in Berlin until 2005 before taking up a Feodor Lynen Fellowship from the Alexander von Humboldt Foundation to do postdoctoral studies at the University of Minnesota with L. D. Schmidt (2005–2007). In July 2007, Horn returned to the FHI and he now leads an Emmy Noether research group. His main interests are heterogeneous catalytic reactions at high temperatures. These processes are studied using in situ experimental techniques such as spatial reactor profiles, laser Raman spectroscopy, laser-induced fluorescence or molecular-beam mass spectrometry.^[1] Photo courtesy of DECHEMA.

Jochen Block Prize for Swetlana Schauer mann

Swetlana Schauer mann (FHI, Berlin) was recently honored by the German Catalysis Society with the 2011 Jochen Block Prize for her studies on the kinetics and thermodynamics of reactions of hydrocarbons with hydrogen on model catalysts. This award also comes with prize money and is designed to encourage young investigators in the field of catalysis.

Schauer mann studied chemistry in Russia and earned her PhD from the Technical University Berlin/FHI in 2005 under H.-J. Freund. She has been working at the FHI since 2005, leads the Molecular Beam Group there, and is currently working towards her habilitation. In 2006 and 2007 she did postdoctoral work at the University of Cambridge (UK) with R. M. Lambert and the University of Washington (Seattle, USA) with C. T. Campbell. Schauer mann and her team study catalytic materials in the form of nanoparticles of transition metals supported on oxide surfaces.^[2]

Inhoffen Medal for Peter H. Seeberger

The Inhoffen Medal is awarded by the Technical University of Braunschweig and the Helmholtz Centre for Infection Research, and this year's winner is Peter Seeberger (Max Planck Institute for Colloids and Interfaces, Golm/Potsdam and the Free University of Berlin). He received this medal for "the development of the first synthesizer to produce complex sugars and related research in synthetic vaccines".^[3a]

Seeberger studied chemistry at the University of Erlangen-Nuremberg and was awarded a Fulbright scholarship to do his PhD in biochemistry under M. H. Caruthers at the University of Colorado (Boulder, USA). After graduating in 1995 he did a postdoc at the Sloan-Kettering Institute for Cancer Research (New York, USA) with S. J. Danishefsky (1995–1997). In 1998, he started his independent research career at the Massachusetts Institute of Technology (Cambridge, USA) and then worked at the ETH in Zurich from 2003 to 2009. He is currently the Director of the Max Planck Institute of Colloids and Interfaces. Seeberger's research focuses on elucidating the role of complex oligosaccharides involved in a host of biological processes of medical relevance.^[3b,c] His group is particularly interested in understanding the recognition events responsible for the interactions of oligosaccharides with proteins that control cell growth, cell differentiation, cell-cell interactions, bacterial attachment to target cells, and signaling events involving the extracellular matrix. Seeberger is a member of the Editorial Advisory Board of *ChemBioChem*.

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Awarded ...



R. Horn



S. Schauer mann



P. H. Seeberger