

Deutsche Bunsen-Gesellschaft Awards

The Deutsche Bunsen-Gesellschaft für Physikalische Chemie (DBG; German Bunsen Society for Physical Chemistry) recently honored four outstanding scientists at the Bunsentagung 2015.

Sereina Riniker (ETH Zurich) was awarded the Ewald Wicke Prize, which is given to researchers up to 35 years old for outstanding achievements in the area of applied physical chemistry. Riniker studied at the ETH Zurich, where she completed her PhD (supervised by Wilfred F. van Gunsteren) in 2012 and was co-author of a Review in *Angewandte Chemie* on multi-resolution simulation of biological systems.^[1] From 2012–2014, she carried out postdoctoral research with Gregory A. Landrum at the Novartis Institutes for BioMedical Research in Basel and Cambridge, Massachusetts. She was appointed assistant professor at the ETH Zurich in 2014. Riniker and her group are interested in the development of methods and software for classical molecular dynamics simulations and cheminformatics, and their application to biological and chemical questions, and in particular the exploration of potential synergies and cross-fertilization between the two disciplines.

Christoph Bräuchle (Ludwig-Maximilians-Universität München; LMU) was honored with the Walther Nernst Medal, which is presented for seminal research in applied physical chemistry. Bräuchle studied at the Technische Universität Berlin and the University of Tübingen, and worked with Jürgen Voitländer at the LMU for his PhD, which was awarded in 1978. After postdoctoral work with Donald M. Burland and Gary C. Bjorkland at IBM Almaden (1979–1980), he returned to the LMU, where he completed his habilitation in 1982 and was assistant professor from 1984–1986. After working with W. E. Moerner at IBM, he was made Chair of Physical Chemistry at the LMU in 1988. Bräuchle's research program is focused on spectroscopy, imaging, and manipulation of single molecules and nanoparticles. He was recognized for his work in the development and application of fluorescence spectroscopic methods for single-molecule detection and for the observation and elucidation of dynamic processes in cells. Among his recent contributions to *Angewandte Chemie*, his report on single-particle and ensemble diffusivities was featured on a cover.^[2] Bräuchle was on the Editorial Advisory Board of *ChemPhysChem* from 2000–2014.

Hans-Joachim Freund (Fritz Haber Institute of the Max Planck Society, Berlin) received the Bunsen Medal, which is presented to individuals who have advanced the field of physical chemistry

through their excellent work. Freund was featured here when he won the Karl Ziegler Prize.^[3a] His most recent contribution to *Angewandte Chemie* is a report on carbon dioxide activation and reaction.^[3b] Freund is on the Editorial and International Advisory Boards of *ChemPhysChem* and *ChemCatChem*, respectively.

Stefan W. Hell (Max Planck Institute for Biophysical Chemistry, Göttingen, and German Cancer Research Center, Heidelberg) was made an Honorary Member, which is the highest honor of the DBG. Hell was most recently featured here when he won the Nobel Prize for Chemistry 2014 (shared with Eric Betzig and W. E. Moerner).^[4a] He has recently reported in *Chemistry—A European Journal* on masked rhodamine dyes.^[4b] Hell is on the Editorial Advisory Board of *ChemPhysChem*.

And also in the News

François Diederich (ETH Zurich) recently gave the annual John Stauffer Lectures at Stanford University. Diederich was on the Editorial Board of *Angewandte Chemie* from 1994–2013 (and was its Chairman for the last ten years of this period). He is currently on the Editorial or Advisory Boards of *Angewandte Chemie*, *Chemistry—An Asian Journal*, *Chemistry—A European Journal*, and *ChemMedChem*.^[5a] His latest contribution to *Angewandte Chemie* is a report on halogen bonding molecular capsules.^[5b]

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Awarded ...



S. Riniker



C. Bräuchle



H.-J. Freund



S. W. Hell



F. Diederich