

The German Chemical Society (Gesellschaft Deutscher Chemiker; GDCh) regularly awards internationally recognized prizes at its annual Chemistry Lecturers Conference (Chemiedozententagung, March 8–10 2010, Giessen).

Carl Duisberg Memorial Prize for S. Schlücker

The GDCh is awarding Sebastian Schlücker (University of Osnabrück) the Carl Duisberg memorial Prize for young scientists who have completed their habilitation and have distinguished themselves with original work. His research group “Biophotonik” carries out research into bioanalytics and nano-diagnostics using surface-enhanced Raman scattering (SERS). Monolayers of organic molecules are adsorbed on the surface of noble-metal nanoparticles and coated with a protective shell. Biomolecules, such as tumor-relevant proteins, can thus be detected by Raman spectroscopy. Schlücker’s contribution to a new generation of SERS markers, which featured on the cover of *Angewandte Chemie*, received much attention last year.^[1a] In 2007, Schlücker also described in *Angewandte Chemie* the first use of SERS microspectroscopy as a highly sensitive probe for solid-phase-bound peptides.^[1b] In 2009, he published a Review on SERS microscopy in *ChemPhysChem*.^[1c]

Schlücker studied at the University of Würzburg, the University of Wales in Swansea, and was a visiting researcher at the Banaras Hindu University in Varanasi (India). He completed his doctorate in 2001 under W. Kiefer at the University of Würzburg on linear and nonlinear Raman spectroscopy of biologically relevant model systems. He was a postdoctoral fellow in 2002–2004 in I. W. Levin’s research group at the NIH in Bethesda (Maryland, USA). He completed his habilitation at the University of Würzburg in 2006 with work on body imaging and vibrational spectroscopy in biomedicine and biophysical chemistry. In 2008, he was made professor of experimental physics at the University of Osnabrück.

Writer’s Prize for G. Schwedt

The GDCh Prize for Writers and Journalists was awarded this year to Georg Schwedt for his lifetime’s work, and in particular for his work “Goethe, the Manager”, which was published in 2009. With a background in analytical chemistry, Schwedt began his writing career with books such as “Taschenatlas der Analytik” (the pocket atlas of analysis). As an author and speaker, he has made chemistry accessible to a wide audience. For example, he has written books such as “Experimente mit Supermarktprodukten” (in which experiments with everyday products are described), “Wenn das

Gelbe vom Ei blau macht” (in which the chemistry behind various sayings is explained), and “Betörende Düfte, sinnliche Aromen” (the chemistry of fragrances; all Wiley-VCH 2008). He has frequently written about the history of chemistry in journals such as *Chemie in unserer Zeit*, and has also authored many books on this topic.

Schwedt studied at the University of Göttingen, and completed his doctorate in 1971 under H. A. Rüssel at the University of Hannover. He was made section head at the Chemical Research Institute in Hagen and completed his habilitation in 1978 at the University of Siegen in analytical chemistry. He took up professorial positions at the University of Göttingen in 1980, and at the University of Stuttgart in 1983. He was a teacher and researcher at the TU Clausthal from 1987 until 2006, and has worked at the University of Bonn since he became Emeritus professor.

ADUC Prizes for Three Habilitands

The Working Group of German University Chemistry Professors (Arbeitsgemeinschaft Deutscher Universitätsprofessoren und -professorinnen; ADUC) of the GDCh awards annual prizes to young academics carrying out their habilitation. This year’s awardees are:

- Torsten Brezesinski (University of Giessen) for his work on mesostructuring of thin metal oxide films, in particular of titanium and iron.^[2]
- Nicolai Cramer (ETH Zürich), who succeeded in the activation and stereoselective rearrangement of C–C and C–H bonds in small-ring systems (such as highly substituted cyclohexenones and indanes) using chiral transition-metal complexes.^[3]
- Martin Wilkening (University of Hannover), who has further developed the NMR spectroscopic spin-alignment-echo process for the study of very slow diffusional motion, for example in lithium-ion conductors.^[4]

- [1] a) B. Küstner, M. Gellner, M. Schütz, F. Schöppler, A. Marx, P. Ströbel, P. Adam, C. Schmuck, S. Schlücker, *Angew. Chem.* **2009**, *121*, 1984; *Angew. Chem. Int. Ed.* **2009**, *48*, 1950; b) C. Schmuck, P. Wich, B. Küstner, W. Kiefer, S. Schlücker, *Angew. Chem.* **2007**, *119*, 4870; *Angew. Chem. Int. Ed.* **2007**, *46*, 4768; c) S. Schlücker, *ChemPhysChem* **2009**, *10*, 1344.
- [2] T. Brezesinski, M. Groenewolt, M. Antonietti, B. Smarsly, *Angew. Chem.* **2006**, *118*, 795; *Angew. Chem. Int. Ed.* **2006**, *45*, 781.
- [3] T. Seiser, O. A. Roth, N. Cramer, *Angew. Chem.* **2009**, *121*, 6438; *Angew. Chem. Int. Ed.* **2009**, *48*, 6320.
- [4] M. Wilkening, P. Heitjans, *Z. Anorg. Allg. Chem.* **2008**, *634*, 2018.

DOI: 10.1002/anie.201001162

Awarded...



S. Schlücker



G. Schwedt