

Gesellschaft Deutscher Chemiker Prizes

The Gesellschaft Deutscher Chemiker (GDCh; German Chemical Society) will honor several outstanding scientists with prizes and named lectureships at the Wissenschaftsforum Chemie 2013 in Darmstadt.

Klaus Müllen (Max Planck Institute for Polymer Research, Mainz) is the recipient of the Adolf von Baeyer Medal. This honor is awarded for outstanding work in the area of organic chemistry, and Müllen was recognized for his contributions to the field of organic electronic materials, including nanographene and two-dimensional π -conjugated oligomers. Müllen was featured in this section when he won the ACS Award in Polymer Chemistry,^[1a] and his most recent contribution to *Angewandte Chemie* is on highly stretchable carbon films.^[1b] Müllen was also recently made an honorary member of the American Academy of Arts and Sciences.

Alois Fürstner (Max Planck Institute for Coal Research, Mülheim an der Ruhr) is the recipient of the Karl Ziegler Prize. This award is one of the highest honors for German chemists. Fürstner, who was introduced here in 2011 when he joined the Editorial Board of *Angewandte Chemie*,^[2a] was recognized for his work in catalysis, including metathesis reactions, and platinum, gold, and iron catalysis. His most recent contributions to *Angewandte Chemie* include a Review on alkyne metathesis^[2b] (which was the topic of his lecture at the *Angewandte Chemie* 125th Anniversary Symposium), and a Communication on the total synthesis of amphidinolide F.^[2c] Fürstner also recently received the Prix Jaubert from the University of Geneva.

Linda F. Nazar (University of Waterloo, Canada) is the August Wilhelm von Hofmann Lecturer. Nazar was featured in this section when she joined the International Advisory Board of *Angewandte Chemie* in 2012.^[3a] A report of her on lithium–oxygen batteries was published in the 125th Jubilee Issue of *Angewandte Chemie*.^[3b]

Manfred Scheer (University of Regensburg) is the winner of the Wilhelm Klemm Prize, which is presented for extraordinary achievements in the field of inorganic chemistry. Scheer studied at the University of Halle-Wittenberg, where he was awarded his PhD (supervised by Alfred Tzschach and Klaus Jurkschat) in 1983. He remained at the same institution until 1992, when he completed his habilitation, and also spent periods as a postdoctoral researcher with Vladimir E. Federov at the Institute of Inorganic Chemistry of the Russian Academy of Science, Novosibirsk (1985–1986), and as a visiting fellow with Günther Wilke at the Max Planck Institute for Coal Research, Mülheim an der Ruhr (1990–1991). From 1992–1993, he was a

guest professor with Malcolm H. Chisholm at Indiana University Bloomington, and in 1993, he joined the University of Karlsruhe as a Heisenberg Fellow of the Deutsche Forschungsgemeinschaft (DFG; German Research Foundation), and was made associate professor there in 1996. He was made full professor at the University of Regensburg in 2004. Scheer's research interests include coordination and supramolecular chemistry with polynictogen complexes, the use of unsubstituted main-group elements as ligands, and the synthesis of highly reactive compounds with transition-metal/element multiple bonds. He has recently reported in *Angewandte Chemie* on the redox chemistry of pentaphosphaferrocene,^[4a] and on the oligomerization of Lewis base stabilized phosphinoboranes.^[4b]

Torsten C. Schmidt (University of Duisburg-Essen) has been honored with the Fresenius Prize, which is given for outstanding research in analytical chemistry. Schmidt studied at the University of Marburg and Heriot-Watt University, Edinburgh, and received his PhD (supervised by Gottfried Stork) from the University of Marburg in 1997. After postdoctoral work at the same institution (1998) and with René Schwarzenbach at the ETH Zurich (1998–2002), he joined the University of Tübingen as group leader and scientific assistant. He was made Chair of Instrumental Analytical Chemistry at the University of Duisburg-Essen and Scientific Director for Water Chemistry at the IWW Water Centre, Essen, in 2006. Schmidt's research is focused on analytical chemistry, including separation techniques, and environmental chemistry, in particular organic pollutants.

Robert E. Mulvey (University of Strathclyde, Glasgow) is the recipient of the Arfvedson Schlenk Prize, which is awarded for work in the area of lithium chemistry. Mulvey was honored for his work in discovering “synergistic effects” in organometallic compounds containing alkali and alkaline-earth metals, and the application of these compounds in organic synthesis. Mulvey studied at the University of Strathclyde, where he worked with Ron Snaith for his PhD (awarded in 1984). After working with Kenneth Wade at the University of Durham, he returned to the University of Strathclyde as a research fellow and joined the faculty there in 1991. He was made Professor of Inorganic Chemistry in 2011. Mulvey is interested in the behavior of organometallic species comprising two different metallic elements. He has reported in *Angewandte Chemie* on supramolecular metallacycles,^[5a] and on the activation of *t*Bu–Zn bonds.^[5b]

Bernhard Rieger (Technische Universität München) is the winner of the Wöhler Prize for Sustainable Chemistry. Rieger studied at the Ludwig-Maximilians-Universität München, where he received his PhD in 1988 for work supervised by

Awarded ...



K. Müllen



A. Fürstner



L. F. Nazar



M. Scheer



T. C. Schmidt



R. E. Mulvey



B. Rieger



H. L. Anderson



A. Llobet

Wolfgang Beck and Ulrich Nagel. From 1988–1989, he was a postdoctoral researcher with James C. W. Chien at the University of Massachusetts, and from 1989–1991, he was a researcher at BASF AG, Ludwigshafen. He carried out his habilitation at the University of Tübingen from 1991–1995, and subsequently joined the faculty at the University of Ulm. He was made WACKER Chair of Macromolecular Chemistry and Director of the Institute of Silicon Chemistry at the Technische Universität München in 2007. Rieger and his research group are interested in topics including polymeric organic and hybrid materials and silicon-based products, catalysis, and the chemical conversion of carbon oxides. He has reported in *Chemistry—A European Journal* on organotin(IV)-catalyzed esterification reactions,^[6a] and on the functionalization of metal-organic frameworks.^[6b] Rieger is on the International Advisory Board of *Macromolecular Chemistry and Physics*.

Harry L. Anderson (University of Oxford) is the Alexander Todd–Hans Krebs Lecturer. Anderson was featured here when he won the RSC Tilden Prize and when he was made a Fellow of the Royal Society.^[7]

Antoni Llobet (Institute of Chemical Research of Catalonia; ICIQ) is the Hermanos Elhuyar–Hans Goldschmidt Lecturer. Llobet's career was highlighted here when he won the RSEQ Bruker Prize in Inorganic Chemistry.^[8a] His most recent contribution to *Angewandte Chemie* is a report on ruthenium-based water oxidation catalysts.^[8b]

- [1] a) *Angew. Chem.* **2011**, *123*, 5535; *Angew. Chem. Int. Ed.* **2011**, *50*, 5423; b) R. Li, K. Parvez, F. Hinkel, X. Feng, K. Müllen, *Angew. Chem.* **2013**, *125*, 5645; *Angew. Chem. Int. Ed.* **2013**, *52*, 5535.
- [2] a) *Angew. Chem.* **2011**, *123*, 38; *Angew. Chem. Int. Ed.* **2011**, *50*, 38; b) A. Fürstner, *Angew. Chem.* **2013**, *125*, 2860; *Angew. Chem. Int. Ed.* **2013**, *52*, 2794; c) G. Valot, C. S. Regens, D. P. O'Malley, E. Godineau, H. Takikawa, A. Fürstner, *Angew. Chem.* **2013**, DOI: 10.1002/ange.201301700; *Angew. Chem. Int. Ed.* **2013**, 10.1002/anie.201301700.
- [3] a) *Angew. Chem.* **2012**, *124*, 36; *Angew. Chem. Int. Ed.* **2012**, *51*, 36; b) R. Black, J.-H. Lee, B. Adams, C. A. Mims, L. F. Nazar, *Angew. Chem.* **2013**, *125*, 410; *Angew. Chem. Int. Ed.* **2013**, *52*, 392.
- [4] a) M. V. Butovskiy, G. Balázs, M. Bodensteiner, E. V. Peresypkina, A. V. Virovets, J. Sutter, M. Scheer, *Angew. Chem.* **2013**, *125*, 3045; *Angew. Chem. Int. Ed.* **2013**, *52*, 2972; b) C. Thoms, C. Marquardt, A. Y. Timoshkin, M. Bodensteiner, M. Scheer, *Angew. Chem.* **2013**, *125*, 5254; *Angew. Chem. Int. Ed.* **2013**, *52*, 5150.
- [5] L. Balloch, J. A. Garden, A. R. Kennedy, R. E. Mulvey, T. Rantanen, S. D. Robertson, V. Snieckus, *Angew. Chem.* **2012**, *124*, 7040; *Angew. Chem. Int. Ed.* **2012**, *51*, 6934; b) D. R. Armstrong, J. A. Garden, A. R. Kennedy, R. E. Mulvey, S. D. Robertson, *Angew. Chem.* **2013**, *125*, 7331; *Angew. Chem. Int. Ed.* **2013**, *52*, 7190.
- [6] a) S. A. Erhardt, F. Hoffmann, J. O. Daïß, J. Stohrer, E. Herdtweck, B. Rieger, *Chem. Eur. J.* **2013**, *19*, 4818; b) K. Hindelang, A. Kronast, S. I. Vagin, B. Rieger, *Chem. Eur. J.* **2013**, *19*, 8244.
- [7] a) *Angew. Chem.* **2012**, *124*, 7040; *Angew. Chem. Int. Ed.* **2012**, *51*, 8423; b) *Angew. Chem.* **2013**, *125*, 7209; *Angew. Chem. Int. Ed.* **2013**, *52*, 7071.
- [8] a) *Angew. Chem.* **2011**, *123*, 11771; *Angew. Chem. Int. Ed.* **2011**, *50*, 11567; b) S. Maji, L. Vígara, F. Cottone, F. Bozoglian, J. Benet-Buchholz, A. Llobet, *Angew. Chem.* **2012**, *124*, 6069; *Angew. Chem. Int. Ed.* **2012**, *51*, 5967.

DOI: 10.1002/anie.201304802