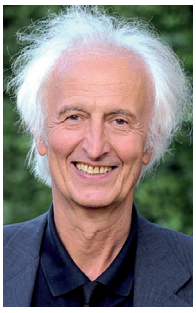
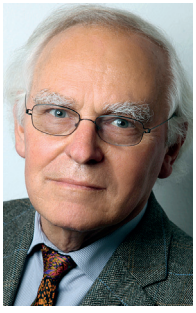
Awarded ...

C. Bolm

M. Beller



H. Schwarz



H. Hopf

Gesellschaft Deutscher Chemiker Awards

The Gesellschaft Deutscher Chemiker (GDCh; German Chemical Society) will honor several outstanding scientists at the Wissenschaftsforum 2015 in Dresden, and we feature the winners of the GDCh prizes and named lectureships here. Other awards that will be presented include the Paul Bunge Prize, which will be awarded posthumously to **Brian Gee**, and the Klaus Grohe Prize for Medicinal Chemistry, which will be awarded to **Jens Schmidt** (California Institute of Technology), **Michael Wilsdorf** (Max Planck Institute for Colloids and Interfaces, Potsdam), and **Gunther Zimmermann** (Max Planck Institute for Molecular Physiology, Dortmund).

Adolf von Baeyer Memorial Medal for Carsten Bolm

Carsten Bolm (RWTH Aachen) is the recipient of the Adolf von Baeyer Memorial Medal, which is awarded for outstanding achievements in the field of organic chemistry. Bolm studied at the Technische Universität Braunschweig and the University of Wisconsin–Madison, and worked with Manfred T. Reetz at the University of Marburg for his doctorate (completed in 1987). After postdoctoral work with K. Barry Sharpless at the Massachusetts Institute of Technology (MIT; 1987–1988), he carried out his habilitation (1988–1993) with Bernd Giese at the Technische Universität Darmstadt and the University of Basel. He was made associate professor at the University of Marburg in 1993, and he was made Professor of Organic Chemistry at the RWTH Aachen in 1996. Bolm's research interests are in asymmetric metal catalysis, (asymmetric) synthesis with organometallic reagents, and organocatalysis. He has reported in *ChemSusChem* on the oxidative cleavage of lignin.[1] Bolm is on the Academic Advisory Board of *Advanced Synthesis & Catalysis*.

Wöhler Prize for Sustainable Chemistry to Matthias Beller

The Wöhler Prize for Sustainable Chemistry is awarded for pioneering contributions to the development and applications of sustainable chemistry, and the winner of the 2015 prize is Matthias Beller (Leibniz Institute for Catalysis (LIKAT) at the University of Rostock). Beller obtained his doctorate (supervised by Lutz F. Tietze) from the University of Göttingen in 1989, and subsequently carried out postdoctoral research with K. Barry Sharpless at MIT. From 1991–1995, he held various positions at Hoechst AG, and in 1996, he was made associate professor at the Technische Universität München. In 1998, he moved to the University of Rostock, where he is currently Professor of Catalysis and Director of the LIKAT. Beller's research interests involve the development of sustainable catalysts for applications including coupling and carbonylation reactions and enantioselective oxidations, as well as iron catalysts and the application of catalysis to benign energy technologies. His latest contributions to *Angewandte Chemie* include a report on ruthenium(III)-catalyzed reactions.[2] Beller is one of the Editorial Board Chairs of *ChemSusChem*, and is also on the Editorial or Advisory Boards of *Advanced Synthesis & Catalysis*, *Angewandte Chemie*, *ChemCatChem*, and *Chemistry—A European Journal*.

Karl Ziegler Prize for Helmut Schwarz

Helmut Schwarz (Technische Universität Berlin, TUB) is the recipient of the Karl Ziegler Prize, which comprises €50000 and a gold medal, and is one of the highest German honors in the field of chemistry. After working as a technician, Schwarz studied at the TUB, where he completed his doctorate (supervised by Ferdinand Bohlmann) in 1972 and his habilitation in 1974. He was a postdoctoral researcher with Josef Seibl at the ETH Zurich (1973), Klaus Biemann at MIT (1975), and Dudley H. Williams at the University of Cambridge (1977). He was made Professor of Mass Spectrometry at the TUB in 1978 and Professor of Organic Chemistry in 1983. Schwarz's research is centered on mass spectrometry and gas-phase chemistry, and includes metal-mediated bond activation, single-atom catalysis, and electron-transfer processes. He has reported in *Chemistry—A European Journal* on gas-phase reactions of $[LaCH_2]^+$.[3] Schwarz, who is currently in his second term as President of the Alexander von Humboldt Foundation, is also the recipient of the Eni Award "New Frontiers of Hydrocarbons Prize" 2015.

Honorary Membership for Henning Hopf

Henning Hopf (Technische Universität Braunschweig) has been made an Honorary Member of the GDCh, which is the highest honor that the society awards. Hopf studied at the University of Göttingen and received his PhD in 1967 for work supervised by Harlan L. Goering at the University of Wisconsin–Madison. He carried out his habilitation with Hans Musso at the Universities of Marburg and Karlsruhe and was a postdoctoral researcher with H. Monty Frey at the University of Reading. In 1975, he was made professor at the University of Würzburg, and in 1978, he moved to Braunschweig, where he remained until his retirement in 2006. Hopf's research involves the prepa-

ration and study of unsaturated compounds such as olefins, allenes, alkynes, cumulenes, aromatic compounds (mostly cyclophanes), and retinoids. He has published an Editorial in *Angewandte Chemie* on the role of the German chemical societies in the Third Reich.[4] Hopf was on the Editorial Board of the *European Journal of Organic Chemistry* from 1998–2005. He was President of the GDCh from 2004–2006.

August Wilhelm von Hofmann Lectureship for K. Barry Sharpless

K. Barry Sharpless (The Scripps Research Institute, La Jolla) has been awarded the August Wilhelm von Hofmann Lectureship, which gives foreign scientists the opportunity to present lectures at three German universities. Sharpless studied at Dartmouth College, and carried out his PhD (awarded in 1968) with Eugene E. van Tamelen at Stanford University. He subsequently carried out postdoctoral research with James P. Collman at Stanford University and Konrad Bloch at Harvard University, and joined the faculty at MIT in 1970. He was made W. M. Keck Professor at The Scripps Research Institute in 1990. Sharpless shared the 2001 Nobel Prize in Chemistry with William S. Knowles and Ryōji Noyori for his work on chirally catalyzed oxidation reactions. Sharpless founded the field known as "click chemistry". His Review[5a] and Communication[5b] on the topic are among the most-cited articles ever in *Angewandte Chemie*, and he has recently published a Review on the sulfur fluoride exchange (SuFEX) reaction for click chemistry.[5c] Sharpless is on the Honorary Board of *ChemCatChem* and the International Advisory Board of *Chemistry—An Asian Journal*.

Wilhelm Klemm Prize for Thomas F. Fässler

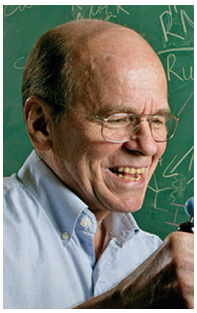
The Wilhelm Klemm Prize is presented for seminal work in the field of inorganic chemistry, and the winner of the 2015 prize is Thomas F. Fässler (Technische Universität München; TUM). Fässler studied at the University of Konstanz and worked with Gottfried Huttner at the University of Heidelberg for his doctorate. He carried out postdoctoral research with Jeremy Burdett at the University of Chicago, and completed his habilitation at the ETH Zurich in 1999. In 2000, he was appointed Professor of Inorganic and Solid-State Chemistry at the Eduard-Zintl-Institut für Anorganische und Physikalische Chemie at the Technische Universität Darmstadt (and was Director of the Institute from 2001–2002), and in 2003, he was made Chair for Inorganic Chemistry with Focus on Novel Materials at the TUM. Fässler's research program is at the interface between molecular and solid-state chemistry, and involves synthesis and structural characterization, as well as the electronic and magnetic properties of intermetallic compounds, soluble main-group-element clusters, and fullerides. He has reported in *Angewandte Chemie* on deltahedral Zintl clusters.[6] Fässler is one of the Editors of the *Zeitschrift für anorganische und allgemeine Chemie*. He is also Chairman of the Wöhler-Vereinigung für Anorganische Chemie (Inorganic Chemistry Division of the GDCh).

Heinz Schmidkunz Prize for Michael Tausch

Michael Tausch (Bergische Universität Wuppertal) has been honored with the inaugural Heinz Schmidkunz Prize, which is presented for outstanding services to research into the teaching of chemistry, teacher training, and the development of material for teaching chemistry in schools. Tausch studied at the Polytechnic Institute of Bucharest (now the Politehnica University of Bucharest), where he was a PhD student under the supervision of E. Nenitzescu-Cioranescu. He subsequently studied mathematics and educational sciences in Bremen and Oldenburg (1977–1979), and received his doctorate from the University of Bremen in 1981. He was also a high-school teacher for chemistry and mathematics from 1976–1996. In 1996, he completed his habilitation at the University of Duisberg-Essen, and was subsequently made Professor for Chemistry and Chemical Education there. In 2005, he moved to the Bergische Universität Wuppertal. Tausch's research activities include photochemistry in science education, curriculum innovation, and the development of didactic material on silicones and cyclodextrins.

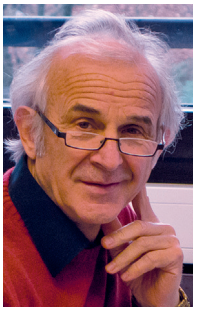
Arfvedson–Schlenk Prize for Clare P. Grey

Clare P. Grey (University of Cambridge) is the recipient of the Arfvedson–Schlenk Prize, which is awarded to foreign researchers for achievements in the area of lithium chemistry. Grey completed her doctorate (supervised by Anthony K. Cheetham) at the University of Oxford in 1991, and was a postdoctoral fellow with Wiebren S. Veeman at the University of Nijmegen (1991–1992). She was subsequently a visiting scientist working with Alexander J. Vega at DuPont Central Research and Development (1992–1994), and she joined the faculty at the State University of New York at Stony Brook in 1994. She was made Geoffrey Moorhouse Gibson Professor in Materials Chemistry at the University of Cambridge in 2009, and adjunct professor at Stony Brook in 2015. Grey's research interests are focused on understanding on how different electrode materials function in



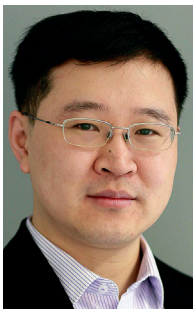
K. B. Sharpless

T. F. Fässler



M. Tausch

C. P. Grey


J. Yuan


R. Zenobi


B. Chaudret


L. Latos-Grażyński

energy-storage and conversion devices (such as batteries, supercapacitors, and fuel cells), as well as NMR-based methods for probing structure and dynamics. She is co-author of a report in *Angewandte Chemie* on boron-doped graphite.[7]

Dr. Hermann Schnell Fellowship for Jiayin Yuan

Jiayin Yuan (Max Planck Institute of Colloids and Interfaces) is the recipient of the Dr. Hermann Schnell Fellowship, which is awarded to young scientists who are working in the area of macromolecular chemistry at universities or other public research institutions, and are normally carrying out their habilitation. Yuan studied at Shanghai Jiao Tong University and the University of Siegen, and received his doctorate in 2009 for work supervised by Axel H. E. Müller at the University of Bayreuth. After postdoctoral work with Markus Antonietti at the Max Planck Institute of Colloids and Interfaces, he started his independent career there in 2011. Yuan and his research group are interested in the synthesis and application of poly(ionic liquid)s as an innovative class of polyelectrolytes for environmental and energy applications. He has reported in *Advanced Materials* on porous poly(ionic liquid) actuators for solvent sensing.[8]

Fresenius Prize for Renato Zenobi

Renato Zenobi (ETH Zurich) is the recipient of the Fresenius Prize, which is presented to recognize exceptional merit in the scientific development and promotion of analytical chemistry. Zenobi studied at the University of Zurich and the ETH Zurich, and worked with Richard N. Zare at Stanford University for his PhD (awarded in 1990). He subsequently carried out postdoctoral research with John T. Yates at the University of Pittsburgh (1990–1991) and with Raoul Kopelman at the University of Michigan, Ann Arbor (1991). He joined the École Polytechnique Fédérale de Lausanne (EPFL) in 1992, moved to the ETH Zurich in 1995, and was made Professor of Analytical Chemistry in 2000. Zenobi's research involves laser-based mass spectrometric and scanning probe microscopic methods. He has reported in *Angewandte Chemie* on the real-time analysis of mouse breath for the analysis of drug pharmacokinetics.[9]

Victor Grignard–Georg Wittig Lectureship for Bruno Chaudret

Bruno Chaudret (Institut National des Sciences Appliquées (INSA), Toulouse) has been awarded the Victor Grignard–Georg Wittig Lectureship jointly by the GDCh and the Société Chimique de France. Chaudret studied at the École Nationale Supérieure de Chimie de Paris, and worked with Geoffrey Wilkinson at Imperial College London for his PhD (awarded in 1975), and René Poilblanc at the Laboratoire de Chimie de Coordination CNRS and the Université Paul Sabatier for his habilitation (awarded in 1979). He subsequently joined the CNRS, was made directeur de recherche in 1989, and was Director of the Laboratoire de Chimie de Coordination from 2007–2011. He was made Director of the Laboratoire de Physique et Chimie des Nano-Objets at the INSA in 2007. Chaudret's research interests are focused on organometallic and nanochemistry, including organometallic nanoparticles, magnetic nanoparticles, and applications of nanoparticles in microelectronics. He has reported in *Angewandte Chemie* on water-soluble platinum nanoparticles.[10]

Marie Skłodowska-Curie–Wilhelm Klemm Lectureship for Lechosław Latos-Grażyński

Lechosław Latos-Grażyński (University of Wrocław) is the recipient of the Marie Skłodowska-Curie–Wilhelm Klemm Lectureship, which is awarded jointly by the GDCh and the Polskie Towarzystwo Chemiczne. Latos-Grażyński received his PhD in 1978 from the University of Wrocław for work supervised by Bogusława Jeżowska-Trzebiatowska. After postdoctoral research with Alan L. Balch and Gerd N. La Mar at the University of California, Davis (1979–1981), he returned to Wrocław, where he was made professor in 1998 and Head of the Organic Chemistry Division in 2002. Lechosław Latos-Grażyński is interested in the chemistry of porphyrins and N-confused porphyrins and their analogues, including a variety of carbaporphyrinoids. His current interests include the synthesis of new porphyrinoids, their coordination chemistry and organometallic chemistry, and NMR spectroscopy of paramagnetic systems. He has reported in *Angewandte Chemie* on phenanthriporphyrin.[11] Latos-Grażyński was on the International Advisory Board of the *European Journal of Inorganic Chemistry* from 2000–2010, and is currently on the Editorial Board of *ChemistryOpen* and the International Advisory Board of *ChemPlusChem*.

EurJIC–Wöhler Young Investigator Prize for Dorota Koziej

The EurJIC–Wöhler Young Investigator Prize is awarded in recognition of an excellent publication in an area of inorganic chemistry by an early-career scientist who has completed a PhD in chemistry. The winner of the 2015 prize is Dorota Koziej (ETH Zurich). Koziej studied at the Silesian

University of Technology, and received her doctorate in 2006 jointly from the University of Tübingen (supervised by Udo Weimar) and the Silesian University of Technology (supervised by Jacek Szuber). After postdoctoral work with Markus Niederberger at the ETH Zurich and a research fellowship with David A. Weitz at Harvard University, she was made team leader in the Laboratory for Multifunctional Materials at the ETH Zurich in 2011. Koziej's research is focused on the development of novel materials for energy-related applications, including the use of in situ spectroscopic synchrotron methods and the development of microfluidic–microwave platforms for monitoring nanoparticle crystallization. She has reported in *Advanced Functional Materials* on the use of poly(ionic liquid)–inorganic nanoparticle films for carbon dioxide sensing.[12]

Hellmut Bredereck Foundation Prize for Daniel Summerer

Daniel Summerer (University of Konstanz) is the recipient of the Hellmut Bredereck Foundation Prize, which is awarded to young scientists working in the field of (bio)organic chemistry, with a focus on carbohydrates, heterocycles, proteins, and nucleotides. Summerer studied at the University of Bonn, where he completed his doctorate (supervised by Andreas Marx) in 2004. After postdoctoral work with Peter G. Schultz at The Scripps Research Institute, La Jolla (2004–2006), he held various positions at Febit biomed (now the Comprehensive Biomarker Center; 2006–2010). In 2011, he joined the University of Konstanz as a research fellow, and was made professor there in 2014. Summerer's current research aims at a better understanding of the functional roles of epigenetic DNA modifications in transcription regulation, and involves the development of protein receptors that provide an expanded programmability of DNA recognition in vitro and in vivo, that is, for both canonical and epigenetic nucleobases. He has reported in *ChemBioChem* on engineered transcription-activator-like effectors.[13]

D. Koziej

D. Summerer

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International Edition: DOI: 10.1002/anie.201505944
German Edition: DOI: 10.1002/ange.201505944