

## Editorial Board

Members of the Editorial Board are selected by the German Chemical Society (Gesellschaft Deutscher Chemiker, GDCh) after recommendation by the Editorial Team and the Editorial Board. They advise the Editorial Team on all important issues relating to publication of the journal.

### Hans-Joachim Böhm

H.-J. Böhm (Roche, Basel) obtained his PhD in theoretical chemistry at the University of Karlsruhe in 1984 under the supervision of R. Ahrlich (member of the Editorial Board 2001–2005). From 1985–1987, he worked for Siemens in Munich in the field of microelectronics, and from 1988–1996, as a computational chemist at BASF in Ludwigshafen. In 1993, he obtained his Habilitation in theoretical chemistry at the University of Karlsruhe. In 1996, he joined Roche in Basel, where he led the “Discovery Technology” (2000–2001) and “Discovery Chemistry” departments (2002–2004), and preclinical development (2005–2006). From 2006–2008, he was President and Research Site Head of Roche Palo Alto, California (USA). He has been Global Head of Chemistry and Center Manager for Roche Pharma Research and Early Development in Basel since 2008. He is also Titular Professor of Bioinformatics at the University of Basel. In 2004, he published a Minireview on medicinal chemistry in *ChemBioChem*.<sup>[1]</sup>

“I particularly value the Review articles and the diversity of the Communications in *Angewandte Chemie*. As a member of the Editorial Board, my aim is to further strengthen the leading position of the journal”, comments Böhm on his new position.

### Thomas Geelhaar

Thomas Geelhaar (Merck KGaA, Darmstadt) studied chemistry at the University of Mainz from 1975 to 1981 and remained there for his PhD in physical chemistry, which was awarded in 1983 for work with W. Liptay on the dipole moments and polarizabilities of halogen-substituted anthracenes from electrooptical absorption measurements. In 1984, he started working in liquid crystal research at Merck,<sup>[2]</sup> and from 1997 he was made General Manager Marketing & Sales in the Liquid Crystals Division. In 2000, he was appointed as Head of the Liquid Crystals Division in Japan. From 2003 to 2007, he was Vice President of Liquid Crystal Research, and was also responsible for the New Technologies Chemicals Unit. He has been Managing Director of Merck OLED Materials GmbH since 2005. He was appointed Chief Technology Officer Chemicals and Senior Vice President in

2007, and is spokesman for chemistry research at Merck.

Geelhaar has been on the Board of the GDCh since 2007 and has been Treasurer of the GDCh since 2010. He has led the German Chemical Industry Association (VCI) Research and Education Policy Committee since 2009, and is a member of the Research, Innovation and Technology Policy Committee of the Federation of German Industries (BDI).

“I particularly like the outstanding Review articles in *Angewandte Chemie*”, says Geelhaar. “As a member of the Editorial Board, I would like to contribute to the themes of research policy and industrial research.”

### Petra Schwille

“As a physicist who works at the interface of biology, chemistry, and physics, I very much appreciate the wide scope of *Angewandte Chemie*, reaching out to emerging fields like biological physics and synthetic biology. I would like to raise attention to the many aspects in which chemists can contribute significantly to the scientific progress in these fields”, explains Petra Schwille. She is currently Professor of Biophysics at the Technische Universität Dresden, and will take up the position of Director of the Max Planck Institute of Biochemistry, Martinsried, from May 2012. Schwille studied physics and philosophy at the Universities of Stuttgart and Göttingen, and obtained her PhD in 1996 from the Max Planck Institute for Biophysical Chemistry in Göttingen under the supervision of Nobel Laureate M. Eigen. She carried out post-doctoral work with W. Webb at Cornell University (Ithaca, USA), and was appointed Junior Research Group Leader at the MPI in Göttingen in 1999. She moved to Dresden in 2002.

Schwille’s research focuses on single-molecule studies (spectroscopy, AFM) on molecules such as proteins, lipids, and nucleic acids. Her research group is particularly interested in studying the properties and the behavior of model membranes in real time. In synthetic biology studies, protein systems are reconstituted in and on membranes to lead to controlled membrane transformations. The overall goal of Schwille’s research is designing self-replicating biomimetic systems. She recently reported on the preparation of micrometer-sized free-standing membranes in *ChemPhysChem*,<sup>[3]</sup> of which she is a member of the International Advisory Board.



H.-J. Böhm



T. Geelhaar



P. Schwille

## International Advisory Board

### Christina Moberg

C. Moberg and her research group at the Royal Institute of Technology (KTH) in Stockholm carry out research in the area of asymmetric catalysis. Her work focuses on the development of methods for enantioselective synthesis, in particular with respect to the role of symmetry in asymmetric reactions and the design of self-adaptable ligands. She has recently developed a “minor enantiomer recycling” procedure in which the undesired minor enantiomer from a catalytic process is transformed to starting material by using a second chiral catalyst. The two chiral catalysts reinforce each other, resulting in higher product enantiomeric ratios than obtained when either catalyst is used alone.<sup>[4]</sup> Moberg studied at Stockholm University and received her PhD in 1975 supervised by M. Nilsson. After two years of postdoctoral research with B. Åkermark at the KTH, she was appointed as assistant professor there in 1978 and professor in 1989. She was made Professor of Organic Chemistry in 1997 and is now Head of the Organic Chemistry Department. Moberg is member of the International Advisory Board of *ChemPlusChem*.

### Linda F. Nazar

L. F. Nazar is Professor of Chemistry and Electrical Engineering at the University of Waterloo (Ontario, Canada) and holds a Senior Canada Research Chair in Solid State Energy Materials. She studied at the University of British Columbia in Vancouver and received her PhD from the University of Toronto in the area of zeolite materials chemistry under the direction of G. Ozin. She was a postdoctoral researcher at Exxon in Annandale (USA) in the Inorganic Materials Division headed by A. Jacobsen, who is now at the University of Houston. She has spent sabbaticals at UCLA and at Caltech, in Nantes, and in Grenoble. Nazar is on the International Advisory Boards of *ChemSusChem* and *ChemPlusChem*. Nazar's research is centered on materials for energy storage and conversion, including lithium and sodium ion batteries, lithium–sulfur, and lithium–air batteries. She recently reported on the syntheses of  $\text{LiFeSO}_4\text{F}$  and  $\text{NaFeSO}_4\text{F}$  in *Angewandte Chemie*.<sup>[5]</sup>

### Roberta Sessoli

R. Sessoli was appointed associate professor at the University of Florence in 2000. She received her PhD from the same institution for work supervised by D. Gatteschi. Her research interests are in the magnetic

properties of molecular clusters and chains. She is a pioneer in the field of molecular-level magnetic bistability and quantum effects in these mesoscopic materials. More recently, she has investigated magnetic molecules organized on surfaces. Her publications in *Angewandte Chemie* include a Review in which quantum tunneling of magnetization and related phenomena in molecular materials are discussed, and a Communication outlining how coupling of two  $\text{Dy}_3$  triangles enhances the barrier height of magnetization reversal.<sup>[6]</sup> A Highlight on chilling with magnetic molecules appears in this issue.<sup>[7]</sup>

## Retiring Members

The publishers Wiley-VCH as well as the owners of *Angewandte Chemie* the GDCh, and the Editorial Team thank R. Metternich, U. Stolz, and R. Thauer, whose terms on the Editorial Board finished at the end of 2011. H. Michel (Nobel Prize 1988) has kindly agreed to extend his term on the Editorial Board. Thanks also go to D. Gatteschi and S. Withers, who retire from the International Advisory Board. G. Desiraju and K. Kim will extend their terms on this Board.

## And also in the News ...

... Peter Göllitz, Editor of *Angewandte Chemie*, *ChemBioChem*, and *ChemCatChem*, was awarded an honorary doctorate from the University of Basel in November 2011 for the “quality and innovation in his scientific publishing”. Göllitz's career was outlined in a recent News section.<sup>[8]</sup>

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C. Moberg



L. F. Nazar



R. Sessoli