

## New Members of the Deutsche Akademie der Naturforscher Leopoldina

The Deutsche Akademie der Naturforscher Leopoldina (German National Academy of Sciences) has elected several new members. We congratulate all those elected, including **Matthias Mann**<sup>[1]</sup> (Max Planck Institute for Biochemistry, Martinsried) and **Ada Yonath**<sup>[2]</sup> (Weizmann Institute of Science), and feature some of our regular authors here.

**Katharina Al-Shamery** (University of Oldenburg) studied at the University of Göttingen and was awarded her PhD (supervised by Martin Quack) from the ETH Zurich in 1989. From 1989–1991, she was a postdoctoral researcher with C. J. Stephen M. Simpson at the University of Oxford, and in 1991 she was made a group leader within the group of Hans-Joachim Freund at the Ruhr-Universität Bochum. She moved to the Fritz Haber Institute of the Max Planck Society in 1996, and was made Professor of Physical Chemistry at the University of Ulm in 1998. She joined the University of Oldenburg as Professor of Physical Chemistry in 1999. She is currently a member of the Senate of the Deutsche Forschungsgemeinschaft (DFG; German Research Foundation) and Ombudsman for science for the DFG. Al-Shamery's research interests include surface science, nanophotonics, and nanomaterials. Her recent contributions to *Angewandte Chemie* include a report on thermolabile noble metal precursors,<sup>[3a]</sup> and an Editorial on scientific misbehavior.<sup>[3b]</sup>

**Peter Bäuerle** (University of Ulm) was featured here when he gave the 2011 Nozoe Memorial Lecture.<sup>[4a]</sup> He has reported in *Chemistry—A European Journal* on thiophene-based dendrons,<sup>[4b]</sup> and in *Angewandte Chemie* on electrolytes for solar cells.<sup>[4c]</sup>

**Stefan Hell** (Max Planck Institute for Biophysical Chemistry, Göttingen, and German Cancer Research Center, Heidelberg) was featured here when he won the Hansen Family Award.<sup>[5a]</sup> He has reported in *Chemistry—A European Journal* on red-emitting rhodamines,<sup>[5b]</sup> and on phosphorylated 3-heteroaryl coumarins.<sup>[5c]</sup>

**Peter R. Schreiner** (University of Giessen) studied at the Friedrich-Alexander-Universität Erlangen-Nürnberg, where he carried out his doctorate (awarded in 1994) with Paul von Ragué Schleyer and simultaneously completed a PhD (awarded in 1995) with Henry F. Schaefer III at the University of Georgia. He received his habilitation from the University of Göttingen in 1999, and joined the faculty at the University of Georgia in 1999. He was made Professor of Organic Chemistry at the University of Giessen in 2002. Schreiner's research combines synthetic organic chemistry with high-resolution spectroscopy and computational chemistry, and focuses on organo-

catalysis, diamondoids, and reactive intermediates. He has reported in the *European Journal of Organic Chemistry* on hydrogen-bonding thiourea catalysts,<sup>[6a]</sup> and in *Angewandte Chemie* on diamond nanowires.<sup>[6b]</sup> Schreiner is on the International Advisory Board of the *European Journal of Organic Chemistry* and the Editorial Board of the *Journal of Physical Organic Chemistry*, and is Editor-in-Chief of *WIREs—Computational Molecular Sciences* and Editor of the *Journal of Computational Chemistry*.

**Christof Wöll** (Karlsruhe Institute of Technology; KIT) studied at the University of Göttingen and received his PhD in 1987 for work supervised by J. Peter Toennies. From 1988–1989, he carried out postdoctoral research with Shirley Chiang at the IBM Almaden Research Laboratory, San Jose, and from 1989–1992, he was a research assistant and completed his habilitation in the group of Michael Grunze at the University of Heidelberg. From 1993–1996, he was a DFG Heisenberg Fellow in Heidelberg and Göttingen, and in 1997, he was made Professor of Physical Chemistry at the Ruhr-Universität Bochum. He was made Director of the Institute of Functional Interfaces at the KIT in 2009. Wöll's research interests include surface chemistry, experimental techniques for the characterization of molecular adsorbates on metal and metal oxide surfaces, and organic surfaces. He has reported in *Angewandte Chemie* on the use of IR spectroscopy in studying reactions on oxide powders,<sup>[7a]</sup> and on the chemical activity of thin oxide layers.<sup>[7b]</sup>

## Academy Prize of the Berlin–Brandenburg Academy of Sciences and Humanities for Helmut Cölfen

Helmut Cölfen (University of Konstanz) is the winner of the 2013 Academy Prize from the Berlin-Brandenburgischen Akademie der Wissenschaften (Berlin–Brandenburg Academy of Sciences and Humanities). This prize is awarded for outstanding scientific achievements, and Cölfen was honored for his work in the area of crystallization. Cölfen studied at the University of Duisburg, where he was awarded his PhD in 1993 for work supervised by Werner Borchard. From 1993–1995, he was a postdoctoral researcher with Stephen E. Harding and Arthur J. Rowe at the National Center for Macromolecular Hydrodynamics, University of Nottingham. From 1995–2010, he was a researcher at the Max Planck Institute of Colloids and Interfaces, Potsdam, where he completed his habilitation (in the group of Markus Antonietti) in 2001, and was also lecturer at the University of Potsdam from 2004–2010. He was made Professor of Physical Chemistry at the University of Konstanz in 2010. Themes of Cölfen's research include non-

## Featured ...



K. Al-Shamery



P. Bäuerle



S. Hell



P. R. Schreiner



C. Wöll



H. Cölfen



F. H. Schacher



P. Schille



P. H. Seeberger



H.-J. Freund

classical crystallization, biomineralization, organic-inorganic colloids, and amphiphilic functional block copolymers. He has published a Microreview in the *European Journal of Inorganic Chemistry* on silica biomorphs,<sup>[8a]</sup> and has reported in *Angewandte Chemie* on heterostructured calcium carbonate microspheres.<sup>[8b]</sup>

### Dr. Hermann Schnell Fellowship for Felix H. Schacher

Felix H. Schacher (University of Jena) is the recipient of a Dr. Hermann Schnell Fellowship of the Gesellschaft Deutscher Chemiker (GDCh; German Chemical Society). This fellowship is awarded to young scientists who work in the area of macromolecular chemistry. Schacher studied at the University of Bayreuth, where he received his PhD (supervised by Axel H. E. Müller) in 2009. After postdoctoral work with Ian Manners at the University of Bristol, he started his independent career at the University of Jena in 2010. Schacher and his research group are interested in the use of block copolymers for the formation of nanostructured materials. He has reported in *Advanced Functional Materials* on the use of block copolymer films in self-healing materials.<sup>[9]</sup>

### And also in the News

**Petra Schille** (Max Planck Institute for Biochemistry, Martinsried) and **Peter H. Seeberger** (Max Planck Institute of Colloids and Interfaces, Potsdam) have been elected to the Berlin-Brandenburg Academy of Sciences and Humanities. Schille was featured here when she joined the Editorial Board of *Angewandte Chemie*,<sup>[10]</sup> and is also on the Editorial Advisory Board of *ChemPhysChem*. Seeberger, who is on the Editorial Advisory Board of *ChemBioChem*, was featured here when he won the Whistler Award.<sup>[11]</sup>

**Hans-Joachim Freund** (Fritz Haber Institute of the Max Planck Society) is the 2013/2014 Bernstein Lecturer at the University of Wisconsin-Madison. He has also been made an honorary member of the Hungarian Academy of Sciences. Freund was featured here when he won the Karl Ziegler Prize.<sup>[12]</sup>

- [1] *Angew. Chem.* **2012**, *124*, 4074; *Angew. Chem. Int. Ed.* **2012**, *51*, 4002.
- [2] A. Yonath, *Angew. Chem.* **2010**, *122*, 4438; *Angew. Chem. Int. Ed.* **2010**, *49*, 4340.
- [3] a) M. S. Wickleder, F. Gerlach, S. Gagelmann, J. Bruns, M. Fenske, K. Al-Shamery, *Angew. Chem.* **2012**, *124*, 2242; *Angew. Chem. Int. Ed.* **2012**, *51*, 2199; b) C. Al-Shamery, *Angew. Chem.* **2013**, *125*, 12164; *Angew. Chem. Int. Ed.* **2013**, *52*, 11946.
- [4] a) *Angew. Chem.* **2011**, *123*, 8943; *Angew. Chem. Int. Ed.* **2011**, *50*, 8783; b) C.-Q. Ma, E. Mena-Osteritz, M. Wunderlin, G. Schulz, P. Bäuerle, *Chem. Eur. J.* **2012**, *18*, 12880; c) S. Powar, T. Daeneke, M. T. Ma, D. Fu, N. W. Duffy, G. Götz, M. Weideler, A. Mishra, P. Bäuerle, L. Spiccia, U. Bach, *Angew. Chem.* **2013**, *125*, 630; *Angew. Chem. Int. Ed.* **2013**, *52*, 602.
- [5] a) *Angew. Chem.* **2011**, *123*, 3679; *Angew. Chem. Int. Ed.* **2011**, *50*, 3599; b) K. Kolmakov, C. A. Wurm, R. Hennig, E. Rapp, S. Jakobs, V. N. Belov, S. W. Hell, *Chem. Eur. J.* **2012**, *18*, 12986; c) S. Nizamov, K. I. Willig, M. V. Sednev, V. N. Belov, S. W. Hell, *Chem. Eur. J.* **2012**, *18*, 16339.
- [6] a) K. M. Lippert, K. Hof, D. Gerbig, D. Ley, H. Hausmann, S. Guenther, P. R. Schreiner, *Eur. J. Org. Chem.* **2012**, 5919; b) J. Zhang, Z. Zhu, Y. Feng, H. Ishiwata, Y. Miyata, R. Kitaura, J. E. Dahl, R. M. Carlson, N. A. Fokina, P. R. Schreiner, D. Tomanek, H. Shinohara, *Angew. Chem.* **2013**, *125*, 3805; *Angew. Chem. Int. Ed.* **2013**, *52*, 3717.
- [7] a) M. Xu, H. Noei, K. Fink, M. Muhler, Y. Wang, C. Wöll, *Angew. Chem.* **2012**, *124*, 4810; *Angew. Chem. Int. Ed.* **2012**, *51*, 4731; b) V. Schott, H. Oberhofer, A. Birkner, M. Xu, Y. Wang, M. Muhler, K. Reuter, C. Wöll, *Angew. Chem.* **2013**, *125*, 12143; *Angew. Chem. Int. Ed.* **2013**, *52*, 11925.
- [8] a) M. Kellermeier, H. Cölfen, J. M. García-Ruiz, *Eur. J. Inorg. Chem.* **2012**, 5123; b) S.-S. Wang, A. Picker, H. Cölfen, A.-W. Xu, *Angew. Chem.* **2013**, *125*, 6439; *Angew. Chem. Int. Ed.* **2013**, *52*, 6317.
- [9] a) M. J. Barthel, T. Rudolph, A. Teichler, R. M. Paulus, J. Vitz, S. Hoeppener, M. D. Hager, F. H. Schacher, U. S. Schubert, *Adv. Func. Mater.* **2013**, *23*, 4921.
- [10] *Angew. Chem.* **2012**, *124*, 36; *Angew. Chem. Int. Ed.* **2012**, *51*, 36.
- [11] *Angew. Chem.* **2011**, *123*, 9959; *Angew. Chem. Int. Ed.* **2011**, *50*, 9785.
- [12] *Angew. Chem.* **2011**, *123*, 8619; *Angew. Chem. Int. Ed.* **2011**, *50*, 8469.

DOI: 10.1002/anie.201308236