

## New Members of the Editorial Board

The members of the Editorial Board of *Angewandte Chemie* are elected by the board of the Gesellschaft Deutscher Chemiker (German Chemical Society; GDCh) and they advise the editorial team on the form and content of the journal. With the new year, Manfred T. Reetz leaves the board; the editorial team and the publishers thank him for his commitment. The new members have shown themselves to be valuable authors and referees.

### Alois Fürstner

A. Fürstner represents the field of organic chemistry on the editorial board. His group at the Max-Planck-Institut (MPI) für Kohlenforschung in Mülheim an der Ruhr carries out research into organometallic chemistry and homogeneous catalysis, develops new synthetic methods, for example for metal activation and metathesis, and applies these in natural product and drug syntheses. Further research areas include carbohydrate and alkaloid chemistry. He recently reported in *Chemistry—A European Journal* on the total synthesis of berkelic acid<sup>[1a]</sup> and in *Angewandte Chemie* on elementary steps in gold catalysis.<sup>[1b]</sup>

Fürstner completed his doctorate in 1987 at the Technical University of Graz under H. Weidmann and completed his habilitation there in 1992 after a postdoctoral fellowship with W. Oppolzer (University of Geneva). Since 1993, he has been group leader at the Max Planck Institute, and has been director since 1998. Fürstner is also a member of the editorial boards of *Advanced Synthesis & Catalysis* and *ChemCatChem*.

### Christof M. Niemeyer

At the Technical University of Dortmund, C. M. Niemeyer represents the field of biological-chemical microstructure technology. His group is involved in the research of bioconjugates and their applications as biosensors, catalysis, and molecular nanotechnology. He recently reported in *Angewandte Chemie* on orthogonal decoration of a DNA origami with proteins<sup>[2a]</sup> and discussed semisynthetic DNA-protein conjugates as biosensors and nanofabrication in a Review.<sup>[2b]</sup>

Niemeyer studied chemistry in Marburg and completed his doctorate at the MPI für Kohlenforschung under M. T. Reetz (Mülheim an der Ruhr). He then took up a postdoctoral position at the Center for Advanced Biotechnology in Boston (USA) with C. R. Cantor. In 2000 he completed his habilitation at the University of Bremen, and in 2002 he was appointed at the TU Dortmund. Niemeyer is one of the founders of Chimera

Biotech, which is a company that develops diagnostic applications of DNA-protein conjugates.

## New Members of the International Advisory Board

### Wilfred F. van Gunsteren

The research group of W. F. van Gunsteren (ETH Zurich) studies methods for simulating the behavior of biomolecular systems to understand their function at an atomic level. For this purpose they developed force-field methods, simulated CD, NMR, and X-ray experiments, calculated protein-ligand complexes, peptide folding, and lipid double layers, as well as developed the software that was required. He recently reported in *ChemPhysChem* on the structural analysis of a flexible cyclic peptide on the basis of NMR data and molecular-dynamics simulations.<sup>[3a]</sup> In a Review in *Angewandte Chemie* he discussed the goals, problems, and perspectives in biological modeling.<sup>[3b]</sup> Furthermore, together with H. J. C. Berendsen, he published a landmark review on molecular-dynamics simulations—methodology, applications, and perspectives—in chemistry.<sup>[3c]</sup>

Van Gunsteren studied physics and law at the Free University of Amsterdam and completed his doctorate there 1976 in nuclear physics. He then worked as a postdoctoral fellow in molecular physics at the University of Groningen and at Harvard University. In 1980 he became a lecturer at the University of Groningen, and in 1987 Professor of Physical Chemistry there and of computer-aided Physics at the Free University of Amsterdam. Since 1990 he has been responsible for informatics-supported chemistry at the ETH Zurich. Van Gunsteren is a member of the editorial board of the *Journal of Computational Chemistry*.

### Itamar Willner

Itamar Willner and his group at the Hebrew University of Jerusalem carry out research in fields such as bioelectronics, biophotonics, molecular switches and motors, and functional polymers. In Reviews in *Angewandte Chemie*, he recently discussed integrated hybrid systems of nanoparticles and biomolecules<sup>[4a]</sup> and also the role of semiconductor quantum dots in bioanalytics.<sup>[4b]</sup> His Review on nanoparticle ordering on surfaces for electronic, optical, and sensor applications in the first issue of *ChemPhysChem*<sup>[4c]</sup> is still one of the most-often downloaded contributions to this journal each month; he also belongs to the editorial board of that journal and the *Israel Journal of Chemistry*.

Willner completed his doctorate in 1978 on polycyclic aromatic ions under M. Rabinovitz at the Hebrew University of Jerusalem and then worked



A. Fürstner



C. M. Niemeyer



W. F. van Gunsteren



I. Willner

as a postdoctoral fellow and assistant professor at the University of California in Berkeley on photo-induced electron-transfer reactions. In 1981 he returned as lecturer to the Hebrew University, where he has been professor since 1983.

## Younan Xia

Y. Xia and his research group at Washington University in St. Louis, Missouri (USA) work in the fields of nanotechnology, materials chemistry, and biomaterials, and in particular the synthesis of nanomaterials and investigations of interfaces. Energy conversion and storage as well as drug delivery are of particular interest. His Review in *Angewandte Chemie* on controlling form in the synthesis of metal nanocrystals, and their apparent simple chemistry and complex physics,<sup>[5a]</sup> was recently featured in *ScienceWatch* in the category "Fast Moving Fronts in Materials Science."<sup>[5b]</sup> Late last year he reported in *Angewandte Chemie* on the bright three-photon luminescence of Au/Ag nanostructures for biological imaging without photothermal damage,<sup>[5c]</sup> and a Minireview on metal nanocrystals with highly branched morphologies can be found in this issue.<sup>[5d]</sup>

Xia studied chemical physics at the University of Science and Technology in Hefei (China) and inorganic chemistry at the University of Pennsylvania (USA) under A. G. MacDiarmid (Nobel Prize 2000). He completed his doctorate in 1996 at Harvard University under the supervision of G. M. Whitesides on soft lithography.<sup>[5e]</sup> He then carried out research and taught at the University of Washington in Seattle and in 2007 he was made professor.

The photos of all the current members of the Editorial Board and the International Advisory

Board of *Angewandte Chemie* can be found on the following pages 26–27 of this issue.

- [1] a) T. N. Snaddon, P. Buchgraber, S. Schulthoff, C. Wirtz, R. Mynott, A. Fürstner, *Chem. Eur. J.* **2010**, *15*, 12133; b) G. Seidel, C. W. Lehmann, A. Fürstner, *Angew. Chem.* **2010**, *122*, 8644; *Angew. Chem. Int. Ed.* **2010**, *49*, 8466.
- [2] a) B. Saccà, R. Meyer, M. Erkelenz, K. Kiko, A. Arndt, H. Schroeder, K. S. Rabe, C. M. Niemeyer, *Angew. Chem.* **2010**, *122*, 9568; *Angew. Chem. Int. Ed.* **2010**, *49*, 9378; b) C. M. Niemeyer, *Angew. Chem.* **2010**, *122*, 1220; *Angew. Chem. Int. Ed.* **2010**, *49*, 1200.
- [3] a) Z. Gattin, J. Zaug, W. F. van Gunsteren, *ChemPhysChem* **2010**, *11*, 830; b) W. F. van Gunsteren, D. Bakowies, R. Baron, I. Chandrasekhar, M. Christen, X. Daura, P. Gee, D. P. Geerke, A. Glättli, P. H. Hünenberger, M. A. Kastenholz, C. Oostenbrink, M. Schenk, D. Trzesniak, N. F. A. van der Vegt, H. B. Yu, *Angew. Chem.* **2006**, *118*, 4168; *Angew. Chem. Int. Ed.* **2006**, *45*, 4064; c) W. F. van Gunsteren, H. J. C. Berendsen, *Angew. Chem.* **1990**, *102*, 1020; *Angew. Chem. Int. Ed. Engl.* **1990**, *29*, 992.
- [4] a) E. Katz, I. Willner, *Angew. Chem.* **2004**, *116*, 6166; *Angew. Chem. Int. Ed.* **2004**, *43*, 6042; b) R. Gill, M. Zayats, I. Willner, *Angew. Chem.* **2008**, *120*, 7926; *Angew. Chem. Int. Ed.* **2008**, *47*, 7808; c) A. N. Shipway, E. Katz, I. Willner, *ChemPhysChem* **2000**, *1*, 18.
- [5] a) Y. Xia, Y. Xiong, B. Lim, S. E. Skrabalak, *Angew. Chem.* **2009**, *121*, 62; *Angew. Chem. Int. Ed.* **2009**, *48*, 60; b) <http://sciencewatch.com/dr/fmf/2010/10marfmf/10marfmfXia/>; c) L. Tong, C. M. Cobley, J. Chen, Y. Xia, J.-X. Cheng, *Angew. Chem.* **2010**, *122*, 3563; *Angew. Chem. Int. Ed.* **2010**, *49*, 3485; d) B. Lim, Y. Xia, *Angew. Chem.* **2011**, *123*, 78; *Angew. Chem. Int. Ed.* **2011**, *50*, 76; e) Y. Xia, G. M. Whitesides, *Angew. Chem.* **1998**, *110*, 568; *Angew. Chem. Int. Ed.* **1998**, *37*, 550.

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