

New Members of the European Academy of Sciences

The European Academy of Sciences, which is an independent association that crosses European borders to bring together the most distinguished scientists, elected several new fellows and foreign fellows in 2015. We feature those in the field of chemistry here.

Günter Haufe (University of Münster) studied at the University of Leipzig, where he completed his doctorate (supervised by Manfred Mühlstädt) in 1975 and habilitation in 1985. In 1986, he was a research fellow with André Laurent at the Université Claude Bernard Lyon 1, and was subsequently a visiting scientist in the group of Jakko Paasivirta at the University of Jyväskylä. From 1988–1991, he was associate professor at the University of Leipzig, and he was made Professor of Organic Chemistry at the University of Münster in 1991. Haufe's research interests include organo-fluorine chemistry and ^{18}F radiochemistry, as well as enzymes in organic synthesis, alicyclic chemistry, and the total synthesis of natural products. He has reported in *Angewandte Chemie* on the C–F bond activation of unactivated aliphatic fluorides,^[1a] and in the *European Journal of Organic Chemistry* on the synthesis and properties of 3-fluorocyclobutylamines.^[1b]

Ray Baughman (University of Texas at Dallas) studied at Carnegie Mellon University and Harvard University, and worked with David Turnbull at the latter institution for his PhD (completed in 1971). He subsequently joined the Allied Chemical Corporation (later known as AlliedSignal and Honeywell International), and in 2001, he was made Director of the NanoTech Institute and Robert A. Welch Professor of Chemistry at the University of Texas at Dallas. Baughman's current research focuses on artificial muscles; energy storage, conversion, and harvesting; nanomaterials; solid-state synthesis; smart textiles; novel forms of carbon; and materials with extreme and rare properties. He is co-author of a report in *Angewandte Chemie* on lithium–oxygen batteries,^[2a] and has reported in *Small* on carbon nanotube hybrid yarns.^[2b]

Giuseppe Resnati (Politecnico di Milano) studied at the Università degli Studi di Milano. From 1980–1982, he worked at the Farmitalia Carlo Erba and Laboratorio Prodotti Biologici, Milan, and from 1982–1998, he was a researcher at the Consiglio Nazionale delle Ricerche (CNR; National

Research Council), with leave to carry out his PhD with Carlo Scolastico (1983–1986). In 1998, he joined the faculty at the Politecnico di Milano. He spent the year 1999–2000 as a postdoctoral researcher with Darryl D. DesMarteau, and was made professor at the Politecnico di Milano in 2001. Resnati's research interests include fluoro-organic chemistry, crystal engineering, and intermolecular interactions, with particular focus on the self-assembly of hybrid perfluorocarbon–hydrocarbon systems by halogen-bond-driven processes. He has reported in *Angewandte Chemie* on the trapping of tetrahalide dianions in a porous organic salt,^[3a] and on halogen-bond-assisted inclusion of guest molecules.^[3b]

Klaus Müllen (Max Planck Institute for Polymer Research, Mainz) was featured here when he won the ACS Award in Polymer Chemistry.^[4a] He has published an Editorial in *Angewandte Chemie* on chemistry in a materials world,^[4b] and has reported in *Chemistry—An Asian Journal* on graphene nanoribbons.^[4c]

- [1] a) G. Haufe, S. Suzuki, H. Yasui, C. Terada, T. Kitayama, M. Shiro, N. Shibata, *Angew. Chem. Int. Ed.* **2012**, *51*, 12275; *Angew. Chem.* **2012**, *124*, 12441; b) A. V. Chernykh et al., *Eur. J. Org. Chem.* **2015**, 6466.
- [2] a) H.-D. Lim et al., *Angew. Chem. Int. Ed.* **2014**, *53*, 3926; *Angew. Chem.* **2014**, *126*, 4007; b) M. Dias Lima, M. W. Hussain, G. M. Spinks, S. Naficy, D. Hagenasr, J. S. Bykova, D. Tolly, R. H. Baughman, *Small* **2015**, *11*, 3113.
- [3] a) J. Martí-Rujas, L. Meazza, G. K. Lim, G. Terraneo, T. Pilati, K. D. M. Harris, P. Metrangolo, G. Resnati, *Angew. Chem. Int. Ed.* **2013**, *52*, 13444; *Angew. Chem.* **2013**, *125*, 13686; b) H. Takezawa, T. Murase, G. Resnati, P. Metrangolo, M. Fujita, *Angew. Chem. Int. Ed.* **2015**, *54*, 8411; *Angew. Chem.* **2015**, *127*, 8531.
- [4] a) *Angew. Chem. Int. Ed.* **2011**, *50*, 5423; *Angew. Chem.* **2011**, *123*, 5535; b) K. Müllen, *Angew. Chem. Int. Ed.* **2015**, *54*, 10040; *Angew. Chem.* **2015**, *127*, 10178; c) M. G. Schwab et al., *Chem. Asian J.* **2015**, *10*, 2134.

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In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.

Elected ...



G. Haufe



R. Baughman



G. Resnati



K. Müllen