

Awarded ...



V. Wood



H.-J. Freund



C. Copéret



K. J. J. Mayrhofer



F. Hollmann

Science Award Electrochemistry for Vanessa Wood

Vanessa Wood (ETH Zurich) has been honored with the 2014 Science Award Electrochemistry, which is worth €50 000 and is presented jointly by Volkswagen and BASF to researchers under 40 years old to fund outstanding research in electrochemistry. Wood, who was honored for her work on lithium-ion batteries, studied at Yale College and the Massachusetts Institute of Technology (MIT), and received her PhD (supervised by Vladimir Bulović) in 2010. She remained at MIT as a postdoctoral researcher with Yet-Ming Chiang and Craig Carter (2010–2011), and was made assistant professor and Head of the Laboratory for Nanoelectronics at the ETH Zurich in 2011. Wood's research interests include lithium-ion batteries, quantum-dot light-emitting devices, and nanocrystalline solar cells. She has reported in *Advanced Energy Materials* on tortuosity anisotropy in lithium-ion batteries.^[1]

Michel Boudart Award for Hans-Joachim Freund

Hans-Joachim Freund (Fritz Haber Institute of the Max Planck Society, Berlin) is the winner of the 2015 Michel Boudart Award, which is sponsored by the Haldor Topsøe Company and administered by the North American Catalysis Society and the European Federation of Catalysis Societies. The award is presented for work on the investigation of mechanisms and active sites, and for advancing the field of heterogeneous catalysis. Freund was featured here when he won the Karl Ziegler Prize.^[2a] He has recently published a Minireview in *Chemistry—A European Journal* on ultrathin silica films.^[2b] Freund is on the International Advisory Board of *ChemCatChem* and the Editorial Board of *ChemPhysChem*.

Paul H. Emmett Award for Christoph Copéret

Christoph Copéret (ETH Zurich) has been announced as the winner of the Paul H. Emmett Award in Fundamental Catalysis. This honor is presented for individual contributions to the field of catalysis, and is administered by the North American Catalysis Society and sponsored by Grace Catalysts Technologies. Copéret studied at the École Supérieure de Chimie Physique Électronique de Lyon (CPE Lyon), and carried out his PhD (awarded in 1996) with Ei-ichi Negishi at Purdue University. After postdoctoral research with K. Barry Sharpless at The Scripps Research Institute, La Jolla, he joined the CNRS and worked as a chargé de recherche in the group of Jean-Marie

Basset (1998–2008) and then as a directeur de recherche in the group of Bernadette Charleux (2008–2010) at the CPE Lyon. He was made professor at the ETH Zurich in 2010. Copéret's research interests involve understanding surface sites and reaction mechanism at the molecular level in the context of heterogeneous catalysis, in particular in the field of alkene metathesis and polymerization, as well as alkane conversion processes. His most recent contributions to *Angewandte Chemie* are reports on the active sites in Sn- β zeolite,^[3a] and on the stabilization of heterogeneous metathesis catalysts supported by bulky aryloxy ligands.^[3b] Copéret is on the advisory boards of *ChemCatChem* and *Advanced Synthesis & Catalysis*.

DECHEMA Prize for Karl J. J. Mayrhofer and Frank Hollmann

The DECHEMA Prize 2014 of the Max Buchner Research Foundation was shared equally between Karl J. J. Mayrhofer (Max-Planck-Institut für Eisenforschung, Düsseldorf) and Frank Hollmann (Delft University of Technology).

Karl J. J. Mayrhofer was recognized for his work on corrosion-resistant electrocatalysts. Mayrhofer was featured here when he won the 2013 Science Award Electrochemistry,^[4a] and has recently reported in *Angewandte Chemie* on fuel-cell catalyst materials.^[4b]

Frank Hollmann was awarded for his work on green light- and electricity-driven enzymatic redox processes in organic synthesis. Hollmann was highlighted here when he won the Jochen Block Prize.^[5a] His report on light-accelerated biocatalytic oxidation reactions was featured in the Early Career Series in *ChemPlusChem*.^[5b]

- [1] M. Ebner, D.-W. Chung, R. E. García, V. Wood, *Adv. Energy Mater.* **2014**, 4, 1301278.
- [2] a) *Angew. Chem. Int. Ed.* **2011**, 50, 8469; *Angew. Chem.* **2011**, 123, 8619; b) C. Büchner et al., *Chem. Eur. J.* **2014**, 20, 9176.
- [3] a) P. Wolf, M. Valla, A. J. Rossini, A. Comas-Vives, F. Núñez-Zarur, B. Malaman, A. Lesage, L. Emsley, C. Copéret, I. Hermans, *Angew. Chem. Int. Ed.* **2014**, 53, 10179; *Angew. Chem.* **2014**, 126, 10343; b) M. P. Conley, W. P. Forrest, V. Mougél, C. Copéret, R. R. Schrock, *Angew. Chem. Int. Ed.* **2014**, 53, 14221; *Angew. Chem.* **2014**, 126, 14445.
- [4] a) *Angew. Chem. Int. Ed.* **2013**, 52, 13859; *Angew. Chem.* **2013**, 125, 14103; b) C. Baldizzone et al., *Angew. Chem. Int. Ed.* **2014**, 53, 14250; *Angew. Chem.* **2014**, 126, 14474.
- [5] a) *Angew. Chem. Int. Ed.* **2013**, 52, 5213; *Angew. Chem.* **2013**, 125, 5321; b) S. Kochius, Y. Ni, S. Kara, S. Gargiulo, J. Schrader, D. Holtmann, F. Hollmann, *ChemPlusChem* **2014**, 79, 1554.

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