

ADUC Prizes

The Arbeitsgemeinschaft Deutscher Universitätsprofessoren und -professorinnen für Chemie (ADUC; Association of German University Professors in Chemistry) honors up to three habilitation candidates each year for work reported in original and significant publications. We feature the most recent prize winners herein.

Franziska Schoenebeck (ETH Zürich) was recognized for her work on the reactivity and mechanisms of palladium-catalyzed reactions by a combination of experimental and theoretical approaches. Schoenebeck studied at the Technische Universität Berlin and the University of Strathclyde, and received her PhD from the WestCHEM Research School at latter institution in 2008 for work supervised by John A. Murphy. From 2008–2010, she was a postdoctoral researcher with Kendall N. Houk at the University of California, Los Angeles, and in 2010, she was appointed assistant professor at the ETH Zürich. Schoenebeck's research program involves the use of computational and experimental tools in the design of new catalysts and the development of novel applications in organic chemistry. She has reported in *Angewandte Chemie* on solvent effects on palladium-catalyzed cross-coupling reactions,^[1a] and on redox reactions in palladium catalysis.^[1b]

Manuel Alcarazo (Max Planck Institute for Coal Research, Mülheim an der Ruhr) received the prize for his work on the synthesis of strong π -accepting polycationic phosphines and their use in metal-catalyzed rearrangement reactions, as well as applying the concept of frustrated Lewis pairs in small-molecule activation. Alcarazo was featured here when he won the RSEQ–Sigma Aldrich Emerging Investigator Award.^[2a] His recent contributions to *Angewandte Chemie* include a Highlight on N-heterocyclic carbene (NHC)/fullerene adducts,^[2b] and a Communication on metal-free hydrogenation reactions.^[2c]

Guido Clever (University of Göttingen) was honored for his work on self-organized nanoscale coordination cages. Clever studied at the University of Heidelberg, and worked with Thomas Carell at the University of Marburg and the Ludwig-Maximilians-Universität Munich, for his PhD, which was awarded in 2006. He then moved to Tokyo University, where he was a postdoctoral researcher with Mitsuhiro Shionoya (2007–2009) and project assistant professor (2009–2010). He was made junior professor at the University of Göttingen in 2010. Clever and his research group are interested in supramolecular coordination chemistry, in particular molecular cages and capsules and DNA–supramolecular hybrid structures. He has reported in *Angewandte Chemie* on light-triggered guest uptake and release by a coordination cage,^[3a]

and in *Chemistry—A European Journal* on counterion dynamics in an interpenetrated coordination cage.^[3b]

Swiss Chemical Society Awards 2013

The Swiss Chemical Society has announced its 2013 award winners, among them some of our more regular authors and referees.

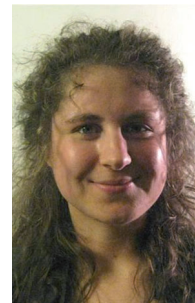
The Werner Prize is awarded for outstanding research to young scientists who are under the age of 40 and do not have a tenured position. The 2013 prize was shared between two winners.

Cristina Nevado (University of Zurich) was recognized for her work in the development of Au^I/Au^{III}-catalyzed reactions. Nevado studied at the Universidad Autónoma de Madrid, where she received her PhD in 2004 for work supervised by Antonio M. Echavarren. She then joined the group of Alois Fürstner (Max Planck Institute for Coal Research, Mülheim an der Ruhr) as a postdoctoral researcher, and in 2007, she started her independent career at the University of Zurich. Nevado's research interests are in the areas of natural product synthesis, drug discovery, and late-transition-metal-catalyzed reactions. She has reported in *Chemistry—A European Journal* on the gold-catalyzed rearrangement of propargyl acetates,^[4a] and in *Angewandte Chemie* on regio- and enantioselective aminofluorination reactions.^[4b]

Clément Mazet (Université de Genève) was honored for his work in asymmetric catalysis. Mazet studied at the Université Louis Pasteur, Strasbourg, and received his PhD (supervised by Lutz H. Gade) in 2002. He was a postdoctoral researcher with Andreas Pfaltz at the University of Basel (2003–2005) and with Eric Jacobsen at Harvard University (2006–2007), and joined the Université de Genève in 2007. Mazet's research involves mechanistic and synthetic organic and organometallic chemistry, in particular asymmetric catalysis. He has reported in *Angewandte Chemie* on chiral P,N ligands for palladium-catalyzed reactions,^[5a] and in the *European Journal of Inorganic Chemistry* on iridium-catalyzed reactions.^[5b]

Uwe Pischel (Universidad de Huelva) is the recipient of the Grammaticakis–Neumann Prize. This award is presented to a young scientist for independent research in photochemistry, photophysics, or photobiology, and Pischel was honored for his work on photoactive molecular logic gates. Pischel studied at the Technische Universität Dresden and the Humboldt-Universität Berlin, and worked with Werner M. Nau at the University of Basel for his PhD, which was awarded in 2001. He was a postdoctoral researcher with Miguel A. Miranda at the Universidad Politécnica de Valencia from 2002–2003, and research team leader at the Universidade do Porto from 2003–2006. He sub-

Awarded ...



F. Schoenebeck



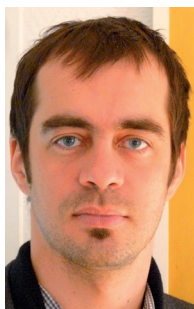
M. Alcarazo



G. Clever



C. Nevado



C. Mazet



U. Pischel



S. Dagorne



S. Bellemin-Laponnaz

sequently returned to the Universidad Politécnica de Valencia as a Ramón y Cajal Fellow, and in 2009, he joined the Universidad de Huelva. Pischel's research involves the design and photophysical characterization of fluorescent switches for sensing and molecular information processing. He has reported in *Chemistry—A European Journal* on photochromic energy transfer switching,^[6a] and is co-author of a recent Review in *ChemPhysChem* on information processing with molecules.^[6b]

The Sandmeyer Award is given for outstanding work in industrial or applied chemistry. The 2013 award was given to a joint research team from Clariant and the Université de Strasbourg for their work on the synthesis of NHC-based zirconium complexes for use in stereoselective ring-opening-polymerization reactions. The two awardees featured below have reported in *Angewandte Chemie* on the non-innocent behavior of a tridentate NHC chelating ligand in zirconium(IV) complexes.^[7]

Samuel Dagorne (Université de Strasbourg) studied at the Université de Rennes, and carried out his PhD (awarded in 1999) with Richard F. Jordan at the University of Iowa. After postdoctoral work with Richard R. Schrock at the Massachusetts Institute of Technology (1999–2000), he joined the CNRS as a researcher in the group of Gerard Jaouen at the École nationale de chimie de Paris. He joined the Université de Strasbourg in 2006 and currently works in the research group “Densité Electronique et Coordination Metallique”. Dagorne is interested in the organometallic chemistry of oxophilic metals, in particular their use in polymerization catalysis. He has reported in the *European Journal of Inorganic Chemistry* on dipyrroline-2-ylamine ligands.^[8]

Stephane Bellemin-Laponnaz (Université de Strasbourg) studied at the Université Joseph Fourier, Grenoble, and completed his PhD (supervised by late John A. Osborn) at the Université Louis Pasteur, Strasbourg, in 1998. After postdoctoral work with Gregory C. Fu at the Massachusetts Institute of Technology, he joined the CNRS in

2000. He is currently directeur de recherche at the Institut de Physique et Chimie des Matériaux de Strasbourg. Bellemin's research interests include homogeneous catalysis, NHCs, and supramolecular chemistry. He has reported in *ChemPlusChem* on the use of metal NHC complexes as anticancer drugs.^[9]

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