

European Young Chemist Award 2010

Sponsored by the Societa Chimica Italiana



The finalists gave presentations at the EuCheMS Chemistry Congress in August 2010, in Nürnberg, Germany.

The Award winners are:

First (gold medal and prize of €1800):

Nicolai Cramer, ETH Zurich, Laboratory of Organic Chemistry, Switzerland

Second (silver medals and prizes of €800):

Clemence Corminboeuf, Ecole Polytechnique Fédérale de Lausanne, Switzerland

Claudia Höbartner, Max Planck Institute for Biophysical Chemistry, Göttingen, Germany

At PhD level - First (gold medal and prize of €800):

Sophie Carencu, Laboratoire de Chimie de la Matière Condensée de Paris and Laboratoire Hétéroéléments et Coordination, Ecole Polytechnique, CNRS, Palaiseau, France

At PhD level - Second (silver medals and prizes of €600):

Ulrich Hintermair, ITMC of RWTH Aachen, Germany

Laura Gómez, Departament de Química, Parc Científic i Tecnològic de la Universitat de Girona, Spain

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The 16 finalists were:

Bergamini, G., University of Bologna, Italy: Enlightening Structure and Properties of Dendrimers by Fluorescence Depolarization

Bhosale, S. V., Monash University (Clayton), Australia: Yoctoliter-Sized Vessels as a Receptors & Nanostructured Soft Material of Core-Substituted Naphthalene Diimides

Clever, G.H., Georg-August-Universität, Göttingen, Germany: Metal Complexes and Clusters as Guests in Coordination Cages

Corminboeuf, C.C., Ecole Polytechnique Fédérale de Lausanne, Switzerland: Direct Assessment of pi-Conjugation Effects on Molecular and Materials Properties

Cramer, N., ETH Zurich, Switzerland: Enantioselective Rhodium-Catalyzed C–C Bond Activations

Feng, X., Max Planck Institute for Polymer Research (Mainz), Germany: Graphene Sheet: A Promising Material for Electronic and Energy Storage Applications

Fuse, S., Tokyo Institute of Technology, Japan: Efficient Syntheses of Taxol and 9-Membered Masked Eneidyne Using Automated Synthesizers

Gómez-Ruiz, S., Universidad Rey Juan Carlos (Madrid), Spain: Palladium Nanoparticles Supported on Hybrid Mesoporous Silicas: Novel Biomaterials with Potential Application against Bone Tumours

Gómez Martín, L., Universitat de Girona. Spain: Rational Design of Efficient Biomimetic Iron Catalysts for Stereospecific C-H Oxidation with H₂O₂

Höbartner, C., Max Planck Institute for Biophysical Chemistry (Göttingen), Germany: DNA-Catalyzed Ligation of RNA Studied by Combinatorial Nucleotide Analog Interference Analysis

Hintermair, U., RWTH Aachen, Germany: Supported Ionic Liquid Phase Catalysis with Supercritical CO₂ for Continuous Flow Asymmetric Hydrogenation

Hu, X., Ecole Polytechnique Fédérale de Lausanne, Switzerland: Cross Coupling of Non-Activated Alkyl Halides by a Well-Defined Ni Catalyst

Mateo-Alonso, A., Freiburg Institute for Advanced Studies, Germany: Fullerenes: Multitask Components in Molecular Machinery

Silvi, S., University of Bologna, Italy: Thermodynamic Stability and Kinetic Lability in a Pseudorotaxane/Rotaxane Photoswitchable Supramolecular Assembly

Trewin, A., University of Liverpool, United Kingdom: Porous Materials: Suitable Frameworks for Gas Storage and Separations

Carenco, S., Collège de France (Paris), France: A Versatile Route to Metal Phosphide Nanoparticles: White Phosphorus Stoichiometric and Low-Temperature Reactivity on Metal Nanoparticles