

ERNST HAAGE FOUNDATION

The launch of the Ernst Haage Foundation in 2006 for the support of young researchers was possible thanks to a generous private donation. The foundation's board of trustees, composed of a representative of the founder as well as the Executive Board of the Max Planck Institute for Chemical Energy Conversion, honors excellent research achievements by young scientists in the area of chemical energy conversion each year with the Ernst Haage Prize.

THE ERNST HAAGE PRIZE

Since its establishment, the Ernst Haage Prize has been presented to outstanding young researchers in our institute and thus had the character of an "in-house" award. However, the foundation's board of trustees wished to considerably raise the national significance of the prize. Thus, since 2012 the prize has been awarded in three categories.

In the first category, „Ernst Haage Prize for Outstanding Research Performance“, proposals are requested from all over Germany, with the prize being awarded to young researchers working in Germany. In this way, the award underlines the special importance of Germany as a strong research location.

In the second category, „Ernst Haage Prize for Doctoral Students“, the award goes to excellent researchers who have completed their doctorate in the past year at the MPI CEC or the Fritz Haber Institute with outstanding achievement.

However, not only young researchers are commended for their achievements. Appropriate recognition is also given to exceptional performance by our apprentices through the Apprenticeship Prize, awarded by the Foundation since 2009.

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MAX PLANCK INSTITUTE FOR
CHEMICAL ENERGY CONVERSION

ERNST HAAGE SYMPOSIUM



PROGRAM 2016

ERNST HAAGE SYMPOSIUM
„CHEMICAL ENERGY CONVERSION“

November 22 - 24, 2016
Schloss Broich
Muelheim an der Ruhr

Tuesday, November 22nd

- 17:00 - 17:30 *Welcome*
Prof. Dr. Robert Schlögl
MPI for Chemical Energy Conversion,
Muelheim and FHI, Berlin, Germany
- 17:30 - 18:30 *Keynote: Mesoscopic Photosystems for the Generation of Electricity and Fuels from Sunlight*
Prof. Dr. Michael Grätzel
Ecole Polytechnique Fédérale de Lausanne,
Switzerland

Wednesday, November 23rd

- 09:00 - 09:45 *Proton-coupled Electron Transfer for Electrochemical Energy Conversion*
Prof. Dr. Marc Koper
Leiden University, The Netherlands
- 10:00 - 11:00 Coffee break
- 11:00 - 11:45 *Advanced Catalysts for Water Oxidation and Hydrogen Generation - From Reaction Mechanisms to Functional Devices*
Prof. Dr. Licheng Sun
KTH Royal Institute of Technology, Stockholm, Sweden and
Dalian University of Technology, China
- 12:00 - 12:45 *Enzymes as Reversible Electrocatalysts: Concepts and Exploitation*
Prof. Dr. Fraser Armstrong
University of Oxford, United Kingdom
- 13:00 - 14:30 Lunch break

- 14:30 - 15:15 *Radical-type Catalysis with Co^{II} Metallo-Radicals*
Prof. Dr. Bas de Bruin
University of Amsterdam, The Netherlands
- 15:30 - 16:15 *Late-Stage Fluorination for PET Imaging*
Prof. Dr. Tobias Ritter
Max-Planck-Institut für Kohlenforschung,
Muelheim, Germany
- 16:30 - 17:00 Coffee break
- 17:00 - 17:45 *What is so Difficult about Biological Nitrogen Fixation?*
Prof. Dr. Oliver Einsle
University of Freiburg, Germany

Thursday, November 24th

- 09:00 - 09:45 *Photogenerated Charge Separation in Artificial Photosynthesis Systems*
Prof. Dr. Can Li
Dalian Institute of Chemical Physics, China
- 10:00 - 10:30 Coffee break
- 10:30 - 11:15 *Striking Features of Heterobimetallic Activation of Dioxygen in Molecular Chemistry*
Prof. Dr. Matthias Driess
TU Berlin, Germany
- 11:30 - 12:15 *O₂ Activating Molecules inspired by Enzymes and Solid Catalysts*
Prof. Dr. Christian Limberg
HU Berlin, Germany
- 16:15 - 20:00 **Ernst Haage Award Ceremony**

Registration for the symposium and/or the award ceremony under:
ernsthaagepreis@cec.mpg.de