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MEETING EINSTEIN

Catalysts: speeding up technological progress

Lecture and discussion with John F. Hartwig, Einstein
Visiting Fellow and Professor of Chemistry at the
University of California, Berkeley

26th June 2013, 7:00 pm

Kaiserin Friedrich-Haus,
Robert-Koch-Platz 7, 10115 Berlin



Catalysts: speeding up technological progress

Catalysts are among the most important driving forces behind the technological achievements of our present age. The abundance of fresh food at our stores, the beginnings of green energy, and the new pharmaceuticals we use to treat disease depend on chemical reactions accelerated by catalysts.

How well can we design a new catalyst or a needed catalytic reaction? This question is widely viewed as central to the whole field of synthetic chemistry.

Einstein Visiting Fellow John F. Hartwig and his research group seek to invent new catalysts that contain a metal atom as the central and reactive element. But even more importantly, they try to develop the general principles by

which such catalysts can be designed and the strategies by which the discovery process can be improved. In his lecture John F. Hartwig will present important catalysts already used or recently designed in his group.

Programme

- 6:30 pm Admission
- 7:00 pm Welcome
- 7:15 pm Lecture and discussion
- 8:30 pm Reception

Please register at www.einsteinfoundation.de.

John F. Hartwig

John F. Hartwig is Professor of Chemistry at the University of California, Berkeley, and ranked among the 200 most influential chemists of the world. The work of his research group focuses on discovering and understanding new reactions that are catalysed by transition metal complexes. John F. Hartwig has joined the Cluster of Excellence “UniCat – Unifying Concepts in Catalysis” at the Technische Universität Berlin as an Einstein Visiting Fellow in 2011.

Einstein Visiting Fellow

The aim of the funding programme “Einstein Visiting Fellow” of the Einstein Foundation Berlin is to integrate distinguished foreign scientists into the Berlin research landscape.



MEETING EINSTEIN

Outstanding academics present their findings to the Berlin public.

Next Lecture

21st August 2013

David Mooney,
Harvard University

Biomaterials:
replace or complement
pharmaceuticals?

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