
California – Denmark Conference
“Rational Design of Catalytic Materials”

14-15 January 2008

Lawrence Berkeley National Laboratory

PRESS RELEASE

Fuel production from the sun
– The Helios Project meets Danish researchers

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Both California and Denmark have responded to policymakers’ call for joint business, academia, and community efforts to place clean technology, renewable energy, and energy efficiency at the top of their research agenda. California is leading these efforts in the US. Following decades of a comprehensive national strategy of funding basic research in renewable energy sources, the Danish Government is now funding projects to commercialize breakthrough technologies.

Danish universities are world leaders in energy research with unique expertise in catalysis and a range of clean technologies such as fuel cells, batteries and solar cells. Lawrence Berkeley National Labs and UC Berkeley are part of a consortium recently awarded a 500 million dollars grant from BP to carry out the Helios project that targets the development of efficient processes to produce transportation fuel from biomass or from solar–energy driven electrochemistry. Helios is expected to include fundamental developments in areas such as bioengineering of plants for optimal production and environmental impact, new routes to efficient and low-cost solar panels, production of energy-saving catalytic methods, and increasingly efficient separation processes.

Speakers will include leading experts in catalysis from Technical University of Denmark, The University of Aarhus, UC Berkeley, Lawrence Berkeley National Laboratory, MIT, Caltech, and industry researchers from Atomistix and Haldor Topsoe.

The main objectives of the “Rational Design of Catalytic Materials” Conference are to enable American and Danish researchers to connect, form relationships, and present new research related to the design of catalytic materials. The Conference will explore the

complexity of catalysts and how we can design them for future applications including solar energy utilization – the main goal of the Helios-project. This subject should be of interest to both industry and the scientific community.

The Conference is a joint venture between Lawrence Berkeley National Laboratory and the Helios Project, the Danish company Atomistix, the Danish Agency for Science, Technology and Innovation (DASTI) and Innovation Center Denmark and will venue at The Lawrence Berkeley National Laboratory 14-15 January 2008.

For more information please visit the Conference website:

<http://www.lbl.gov/conferences/rdc/index.html>

And contact the organizers:

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