

Monday, May 25th, 2009, 16:00 h
German Cancer Research Center (DKFZ)
Heidelberg, Communication Center, Auditorium
Leica Scientific Forum Heidelberg

Advances in Life Science

Prof. Dr. William E. Moerner

Harry S. Mosher Professor of Chemistry and Professor, by courtesy, of Applied Physics

Stanford University, California/USA

“Single-Molecule Biophysical Imaging, Superresolution and Trapping”

May 25^h 2009

16:00 Opening by Prof. Dr. Stefan Hell, MPI Göttingen & DKFZ Heidelberg

Prof. W.E. Moerner's talk will cover:

- Development of advanced visualisation techniques
- Direct imaging of novel protein superstructures in living bacteria cells at sub 40 nm resolution via photoswitchable EYFP, STED and other
- New Anti-Brownian Electrokinetic trap (ABEL) for nanoscale objects in solution which overcomes the deleterious effects of Brownian motion

Discussion

17:30 Meet the speaker

Scientific Advisory Board: Prof. Winfried Denk (MPI), Prof. Roland Eils (DKFZ),
Prof. Stefan Hell (MPI/DKFZ), Dr. Rainer Pepperkok (EMBL), Dr. Thomas Zapf (Leica Microsystems)

For free registration and planning reasons please mail to: Sandra.Ebert@leica-microsystems.com
www.leica-microsystems.com/leica_scientific_forum

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