

Wednesday, 20th October 2010, 16:00 h

Venue: Konrad-Zuse-Institut (ZIB), Freie Universität Berlin,
Takustr. 7, Berlin-Dahlem

Leica Scientific Forum Berlin

Advances in Life Science Prof. Xiaowei Zhuang

Howard Hughes Medical Institute, Harvard University, Cambridge/USA

“Nanoscopic Imaging of Biomolecules and Cells”

16:00 Welcome & Introduction by Chairman Prof. Stephan Sigrist

16:15 Lecture Prof. Xiaowei Zhuang:

- Super-resolution visualization of biomolecules and cells with stochastic optical reconstruction microscopy (STORM)
- Studies of enzymes with single-molecule fluorescence resonance energy transfer (FRET)

17:15 Discussion

17:30 Post Lecture Reception – Meet the Speaker

Scientific Advisory Board: Prof. Dr. Michael Brecht (Bernstein Center for Computational Neuroscience, Humboldt University Berlin), Prof. Dr. Stefan Sigrist (Institute for Biology, Freie Universität Berlin) and Dr. Thomas Zapf (Leica Microsystems, Director Scientific Relations)

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