

International Workshop on Microspectroscopy of Quantum, Magnetic and Biological Nanostructures

October 22-23, 2003

INTEX OSAKA, Nankou-Kita, Suminoe-ku,
Osaka, Japan

Invited Speakers and Tentative Titles:

Matthias Bode (Hamburg) "Imaging of Nanoscale Magnetic Structures with Spin-Resolved STM"

Toru Ide (Osaka) "Simultaneous optical and electrical recording of single ion-channel proteins"

Yasushi Inouye (Osaka) "Near-field vibrational spectroscopy for molecular imaging"

Takeshi Kawagoe (Osaka) "Surface Magnetic Structure of Cr(001) film studied by Spin-Polarized Scanning Tunneling Spectroscopy"

Makoto Konoto (Tsukuba) "Low-temperature spin-polarized scanning electron microscopy: Magnetic structures of perovskite manganites"

Wolfgang Kuch (Halle) "Photoelectron emission spectromicroscopy of multi-layered magnetic systems"

Jörg Maser (Argonne) "Hard X-ray Microscopy at the Advanced Photon Source, and its Application in Nanosciences"

Markus Morgenstern (Hamburg) "Scanning Tunneling Spectroscopy: Interacting electron systems in different dimensions"

Shuheng H. Pan (Houston) "Reconcile information from real-space and k-space -- Work with STM and ARPES"

Toshiharu Saiki (Tokyo) "Near-field optical mapping of exciton wavefunction confined in a quantum dot"

Thomas Schmidt (Würzburg) "Spectroscopic PEEM with aberration correction: the SMART project"

Yoichi Uehara (Sendai) "STM light emission spectra of single molecules adsorbed on solid surfaces"

Wulf Wulfhekel (Halle) "Spin polarized scanning tunneling microscopy and topologically induced domain walls in antiferromagnets"

Naoki Yamamoto (Tokyo) "High Resolution Cathodoluminescence for nano-scale characterization using TEM"

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