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For directions to Forschungszentrum Karlsruhe,
please see www.fzk.de/anfahrt.

Free admission. Please register by sending an email
to dennis.hickethier@int.fzk.de until July 24th.

3rd German-Japanese Young Researchers Workshop

"From Nanomaterials to Innovation"

30th July 2009

Forschungszentrum Karlsruhe
Institute of Nanotechnology



Research in
Germany

Land of Ideas


Baden-Württemberg International



PROGRAMME

08:30	Greetings <i>Olaf Wollersheim, Forschungszentrum Karlsruhe</i>	12:15 – 13:30	Lunch
		13:30	Nanoscale Design of Mesoporous Metals and Related Materials <i>Yusuke Yamauchi, NIMS</i>
Talks		14:00	Mechanical Behavior and In Situ Observation of Shear Bands in Ultrafine-Grained Pd and Pd-Ag Alloys <i>Kejing Yang, University of Ulm</i>
08:40	Nanotechnology Program in Japan <i>Masahiro Takemura, National Institute for Materials Science (NIMS)</i>	14:30	Supramolecular Soft-Materialization of Fullerenes and Beyond <i>Takashi Nakanishi, NIMS</i>
09:10	Nano- and Microsystems Program <i>Michael Harms, Forschungszentrum Karlsruhe</i>	15:00	X-rays as a Probe for Nanoscale Magnetism <i>Sebastian Brück, MPI für Metallforschung Stuttgart</i>
09:30 – 09:45	Coffee Break	15:30 - 16:00	Coffee Break
09:45	Propagating Eigen States in Stratified Metal-Dielectric Metamaterials <i>Masanobu Iwanaga, NIMS</i>	16:00	Magnetotransport in Novel Spintronic Materials and Nanostructures <i>Seiji Mitani, NIMS</i>
10:15	Scanning Electron Microscopy – A Tool for Nanotube Device Characterization and Engineering <i>Ralph Krupke, Forschungszentrum Karlsruhe</i>	16:30	Current-Induced Magnetization Dynamics <i>Mathias Kläui, University of Konstanz</i>
10:45	Developments of Novel Electrocatalyst Materials for Fuel Cell Using Carbon Nanotubes <i>Tsuyohiko Fujigaya, Kyushu Univ.</i>	17:00	'Smart' Polymer Technologies for Biomedical Applications <i>Mitsushiro Ebara, NIMS</i>
11:15	Tailoring Thermodynamics of Hydrogen Storage Materials <i>Wiebke Lohstroh, Forschungszentrum Karlsruhe</i>	17:30	Magnetic Nano-Adsorbents for Industrial Bioproduct Purification <i>Matthias Franzreb, Forschungszentrum Karlsruhe</i>
11:45	Fabrication and Function of Surface Self-assembled Metal Complexes <i>Masa-aki Haga Chuo University, Tokyo</i>		