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Mechatronics Seminars 2005

Focus on Nanosystems

Tuesday, 05.04.2005, 4.15 p.m., ML D28

**Nanotribology and Nanomechanics of MEMS/NEMS and BioMEMS/NEMS
Materials and Devices**

Prof. Bharat Bhushan

Ohio Eminent Scholar and The Howard D. Winbigler Professor Director,
Nanotribology Laboratory for Information Storage and MEMS/NEMS
The Ohio State University, 650 Ackerman Road, Suite 255
Columbus, Ohio 43202 USA,
<http://rclsqi.eng.ohio-state.edu/nlim>

Tuesday, 19.04.2005, 4.15 p.m., ML D28

Carbon Nanotube Based Field Emitter and Nanoelectronic Technology

Prof. Gehan Amaratunga

University of Cambridge, Department of Engineering,
Trumpington Street, Cambridge CB2 1PZ, UK,
<http://www.eng.cam.ac.uk/~ga>

Tuesday, 26.04.2005, 4.15 p.m., ML D28

Carbon Nanotubes - A Successor to Silicon Technology?

Dr. Wolfgang Hoenlein

Infineon Technologies AG, Munich, Germany.
<http://www.infineon.com/>

Tuesday, 03.05.2005, 4.15 p.m., ML D28

Molecules between Contacts: from long to short molecules

Prof. Dr. Christian Schoenenberger

Nanocenter Basel and Institute of Physics
University of Basel; Klingelbergstrasse 82; CH-4056 Basel; Switzerland
<http://pages.unibas.ch/phys-meso>

Tuesday, 17.05.2005, 4.15 p.m., ML D28

From nanomaterials to biostructures

Prof. László Forró

Institute of Physics of Complex Matter, FSB
Swiss Federal Institute of Technology (EPFL),
CH-1015 Lausanne Switzerland
<http://nanotubes.epfl.ch/>

Tuesday, 14.06.2005, 4.15 p.m., ML D28

Title: **Will be posted soon**

Prof. Dr. Sigmar Roth

Max-Planck-Institut für Festkörperforschung
Heisenbergstr. 1, D-70569 Stuttgart ,Germany.

<http://www.fkf.mpg.de/klitzing/research/nano/nano.html>

Best Regards
Christofer Hierold, 18th March 2005

Please forward this information to everyone who might be interested in this seminar series.