

Please join us at the
The KAVLI NANOSCIENCE INSTITUTE [KNI] at Caltech

Inaugural Symposium

Monday, October 24, 2005
8:30 a.m. – 5:30 p.m.
Beckman Institute Auditorium

Come hear such notable speakers as

DANIEL RUGAR

Manager of Nanoscale Studies, IBM Almaden Research Center

“Scanning the nanoscale: past, present, & future”

THEODOR W. HÄNSCH

2005 Nobel Laureate in Physics, Max-Planck-Institute of Quantum Optics

“Towards a quantum laboratory on chip”

STEVEN M. BLOCK

Department of Biological Sciences and Department of Applied Physics, Stanford University

**“Progress in biological nanoscience,
measured one molecule at a time”**

As well as Caltech faculty:

MICHAEL ROUKES; PMA, EAS & KNI
DIRECTOR: “Caltech's KNI: The Big Picture
On Small Things”

JIM HEATH, CCE: “NanoSystems Biology
Cancer Center and the KNI”

CHRISTINA SMOLKE, CCE: “Programmable
Molecular Switches and Sensors: Devices
for Converting Biochemical Information into
Biological Function”

PAT COLLIER, CCE: “Molecular Circuitry:
Construction and Characterization of Coupled
Biomolecular Dynamics”

MICHAEL ELOWITZ, BIO & EAS: “Slow, Noisy,
and Out of Control: Gene Circuits at the
Single Cell Level”

AXEL SCHERER, EAS & PMA: “Frontiers and
Applications of Nanophotonics at the KNI”

OSKAR PAINTER, EAS: “Geometry and Scale
in Photonics”

ERIK WINFREE, EAS: “Algorithmic Self-Assembly
of DNA”

BILL GODDARD, CCE & EAS: “Functional
Nanoelectronics Devices from First (and
Second) Principles”

Lunch and student poster session

Please use the online registration form at
<http://www.kni.caltech.edu/symposium/> if you wish to attend.
Registration is required for the lunch and poster session.