



WORKSHOP PROGRAM

Nano-Photonics and Nano-Plasmonics

Honoring the Recipients of the 2010 Raymond and Beverly Sackler Prize in the Physical Sciences

Research Field for 2010: **Nano-Photonics and Nano-Plasmonics**

Prize recipients:

Prof. Mark Luitzen Brongersma, Materials Science and Engineering Department, Geballe Laboratory for Advanced Materials, Stanford University

Prof. Stefan Alexander Maier, Co-Director, Centre for Plasmonics and Metamaterials, Experimental Solid State Group, Physics Department, Imperial College of London

סדנה

ננו-פוטוניקה וננו-פלזמוניקה

לכבוד הזוכים בפרס במדעים הפיזיקליים ע"ש ריימונד ובברלי סאקלר לשנת 2010

Monday, May 10, 2010 Melamed Auditorium (No. 6), Shenkar Physics Bldg, Tel Aviv University

יום שני, כ"ו באייר תש"ע, 10.5.2010 אודיטוריום בוריס ולנה מלמד, בניין לפיזיקה ע"ש רבקה ואריה שנקר, קריית האוניברסיטה, רמת-אביב

9:00 Coffee (Gathering with light refreshments)

9:45 Opening Remarks, David Bergman

MORNING SESSION

Ori Cheshnovsky, Chair (Tel Aviv University, School of Chemistry)

10:00 – 11:00 **Michael Rosenbluh**:
"Plasmonics: Applications to Nano-Optics"
Bar Ilan University, Department of Physics

11:00 – 12:00 **Dan Oron**:
"Nanoparticle-based Nonlinear Microscopy"
Weizmann Institute of Science, Department of Physics

12:00 – 1:00 **Jacob Scheuer**:
"Tight Confinement of Light in Circular Bragg
Nanocavities"
Tel Aviv University, Faculty of Engineering

1:00 - 2:30 Lunch buffet: "Gan Hadekalim"

AFTERNOON SESSION

David Bergman, Chair (Tel Aviv University,
School of Physics and Astronomy)

2:30 – 3:00 Prize Ceremony – **Joseph Klafter**, TAU President,
Presiding

3:00 – 4:00 **Stefan Maier**:
"Nano-Plasmonics: Classical Oscillator Physics at the
Nano-Scale"
Imperial College of London, Department of Physics

4:00 – 5:00 **Mark Brongersma**:
"Active Plasmonic Devices Employing Extreme Light
Concentration"
Stanford University, Materials Science and
Engineering Department

5:00 – 6:00 **Mordechai Segev**:
"Anderson Localization of Light"
Technion, Faculty of Physics

If you intend to participate, please send an appropriate Email to joans@tauex.tau.ac.il