Monday, May 14 2007
Tel Aviv University
Melamed Auditorium
Shenkar Building

Honoring Professors

C. C. Cummins
Massachusetts Institute of Technology

J. F. Hartwig
University of Illinois Urbana-Champaign

The recipients of the 2007 Raymond and Beverly Sackler Prize in the Physical Sciences – Chemistry

More Information
Tel: 972-3-6409283
e-mail: lev@post.tau.ac.il

Web Address:
www.tau.ac.il/chemistry/events/TASOC.html
9:00 – 9:20  
Gathering

9:20 – 9:30  
Opening Remarks

9:30 – 10:05  
Ronny Neumann, Weizmann Institute of Science  
Binary Catalysts Containing Polyoxometalates that Enable Aqueous  
Biphasic Catalysis and Activation of Hydrogen Peroxide and Oxygen

10:05 – 10:40  
Yoram Cohen, Tel Aviv University  
Diffusion NMR in Supramolecular Chemistry:  
An Old Parameter – New Insights

10:40 – 11:00  
Coffee Break

11:00 – 11:35  
Yoel Sasson, Hebrew University of Jerusalem  
Catalytic Mineralization of Carbon Tetrachloride via Hydrogenolysis  
and Hydrolytic Processes

11:35 – 12:10  
Gabriel Lemcoff, Ben Gurion University of the Negev  
Towards Double Ring Closing Olefin Metathesis: Development  
and Synthesis of Binuclear Metathesis Catalysts

12:10 – 12:45  
Arkadi Vidalok, Tel Aviv University  
What Is Really Going on in the Oxidative Addition  
– Reductive Elimination Chemistry of Late Transition Metals?

12:45 – 14:20  
Lunch “Gan Hadekalim”

14:20 – 14:55  
Philip Mountford, University of Oxford  
Catalytic and Stoichiometric Reactions of Cationic Imido  
Titanium Compounds

14:55 – 15:30  
Ilan Marek, Technion, Israel Institute of Technology  
Diastereo- and Enantioselective Carbometalation Reactions  
of Olefins

15:30 – 15:50  
Coffee Break

15:50 – 16:35  
John F. Hartwig, University of Illinois at Urbana-Champaign  
Catalytic Organometallic Chemistry of Transition  
Metal-Heteroatom Bonds

16:35 – 17:20  
Christopher C. Cummins, Massachusetts Institute of Technology  
Synthetic Cycles for Small-Molecule Activation, Atom Transfer, and  
Reactive Metal Complex Regeneration

17:30 – 18:00  
Awarding Ceremony

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