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"METALS IN SYNTHESIS"

THE TEL AVIV SYMPOSIUM IN ORGANIC CHEMISTRY 2007

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

Honoring Professors

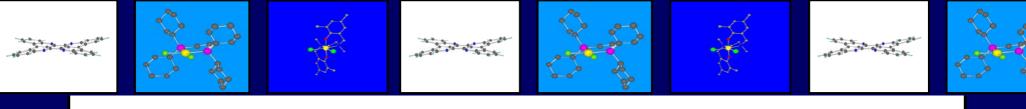
C. C. Cummins

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



9:00 - 9:20 Gathering

9:20 - 9:30 Opening Remarks

9:30 - 10:05

Ronny Neumann, Weizmann Institute of Science Diastereo
Binary Catalysts Containing Polyoxometalates that Enable Aqueous of Olefins
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

Synthetic Cycles for Small-Molecule Active Metal Complex Regeneration

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 Vigalok, 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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