



TEL AVIV UNIVERSITY

"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**

More Information

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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 Biphase 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 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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