

Ei -ichi Negishi
80th birthday symposium and
80th Negishi-Brown Lectures

July 12-14, 2015

WETHERILL BLDG., ROOM 200

Sunday, July 12

6:00 – 8:00 p.m. Welcome Reception at Dean Jeff Roberts' home (by invitation only)

Monday, July 13 (Prof. Negishi's 80th birthday symposium)

8:50 – 9:00 a.m. *Welcome*
Jeff Roberts, Dean of the College of Science

Session I: Chair – John A. Soderquist

9:00 – 9:35 a.m. **James M. Tour**, Rice University
"A Soft Materials Overview, from Graphene to Nanomachines"

9:35 – 10:10 a.m. **Shengming Ma**, SIOC, Shanghai
"Enantioselective Synthesis of Allenes from Terminal Alkynes"

10:10 – 10:40 a.m. Coffee Break

Session II: Chair – James M. Tour

10:40 – 11:15 a.m. **Robert M. Williams**, Colorado State University
"Enantiomeric Natural Products: Biosynthetic, Synthetic and Genetic Revelations"

11:15 – 11:50 a.m. **Tony Zhang**, Eli Lilly
"Process Development of Small Molecule Therapeutics"

12:00 – 1:00 p.m. LUNCH – Purdue Memorial Union, South Ballroom

Shengming Ma: Releasing a special issue of *Organic Chemistry Frontiers*
Prof. Negishi Autograph Session

1:10 – 1:20 p.m. Group Photograph (front steps of Wetherill Building)

Session III: Chair – P.V. Ramachandran

1:20 – 1:55 p.m. **Tamotsu Takahashi**, Hokkaido University
"Transformation on Titanium"

1:55 – 2:30 p.m. **John A. Soderquist**, University of Puerto Rico
"Asymmetric Organoborane Conversions via the Amazing 9-Borabicyclo[3.3.2]decanes"

2:30 – 3:05 p.m. **George W. Kabalka**, University of Tennessee
"Isotope Incorporation Via Organoborane Chemistry: From the Beginning to the Present"

3:05 – 3:25 p.m. Coffee Break

Session IV: Chair – George W. Kabalka

- 3:25 – 4:00 p.m. **Saverio Florio**, University of Bari, Italy
“Recent Advances in the Chemistry and Synthetic Uses of Lithiated Small-Ring Heterocycles”
- 4:00 – 4:35 p.m. **Yasushi Nishihara**, Okayama University
“Phenanthro[1,2-b:8,7-b']dithiophene (PDT): Application to Organic Field-Effect Transistors and Photovoltaics”
- 4:35 – 5:10 p.m. **Shiqing Xu**, Purdue University
“ZACA–Transition Metal-Catalyzed Cross-Coupling for Highly Enantioselective Synthesis of Various Types of Chiral Organic Compounds”
- 6:30 – 9:00 p.m. Birthday Banquet, Lafayette Country Club (by invitation only)

Tuesday, July 14 (8th Negishi-Brown Lectures)

- 9:00 – 9:10 a.m. *Welcome*
Tim Zwier, Head of the Department of Chemistry
- Session V: Chair – Arun K. Ghosh**
- 9:10 – 10:00 a.m. **Hisashi Yamamoto**, University of Chicago
“Catalytic Oxidation, Metal and Non-Metal Systems”
- 10:00 – 10:50 a.m. Coffee Break and Poster Session
- Session VI: Chair – Mingji Dai**
- 10:50 – 11:40 a.m. **Masakatsu Shibasaki**, Institute of Microbial Chemistry, Japan
“Recent Progress in Cooperative Asymmetric Catalysis”
- 11:50 – 12:50 LUNCH – Purdue Memorial Union, South Ballroom
- Session VII: Chair – Tony Zhang**
- 1:00 – 1:50 p.m. **Chi-Huey Wong**, Genomics Research Center, Academia Sinica, Taiwan
“Chemistry and Biology of Glycosylation”
- Session VIII: Chair – Mark Lipton**
- 1:50 – 2:40 p.m. **Victor Snieckus**, Queens University, Canada
“Life with the Negishi and other DoM-related Reactions”
- 2:40 – 3:10 p.m. Coffee Break
- Session IX: Chair – Tamotsu Takahashi**
- 3:10 – 4:00 p.m. **Ei-ichi Negishi**, Purdue University
“Magical Power of d-Block Transition Metals: Past, Present, and Future”
- 4:00 – 4:20 p.m. Conclusion and Announcement of Poster Award Winners
P.V. Ramachandran
- 6:30 p.m. Speakers’ Dinner