

## 7<sup>th</sup> Negishi-Brown Lectures

Monday, October 6 and Tuesday, October 7, 2014  
Lectures in STEW 302

### Monday, October 6

- 1:00-1:10 pm      **Dean Jeff Roberts, Purdue College of Science**  
*Opening Remarks*
- 1:10-1:50 pm      **Prof. Ei-ichi Negishi, Purdue University**  
*"d-Block Transition Metal Catalysts for Saving the World in the 21<sup>st</sup> Century and Beyond"*
- 1:50-2:30 pm      **Prof. Paul Knochel, Ludwig-Maximilians-Universität**  
*"Functionalized Organometallics in Organic Synthesis"*
- 2:30-2:45 pm      Break
- 2:45-3:25 pm      **Prof. Michael Organ, York University**  
*"Triethylborane-Mediated Alkyne Hydrostannylation, It's Not As Radical As You Think!"*
- 3:25-3:55 pm      **Prof. Mahdi Abu-Omar, Purdue University**  
*"Sustainability through Catalysis: Making Biofuels and Chemicals from Biomass"*
- 3:55-4:35 pm      **Prof. Tamotsu Takahashi, Hokkaido University**  
*"Separation of Two Carbons Unit and Three Carbons Unit on Titanium"*
- 5:00-6:30 pm      Poster Session/Mixer with pizza  
STEW 318/320

### Tuesday, October 7

- 8:30-9:10 am      **Prof. M. Christina White, University of Illinois at Urbana-Champaign**  
*"The Functionalization of C-H Bonds"*
- 9:10-9:40 am      **Prof. P.V. Ramachandran, Purdue University**  
*"Recent Advances in Fluoroorganic Synthesis via Boranes"*
- 9:40-10:10 am      **Dr. Shiqing Xu, Purdue University**  
*"Convergent and Stereoselective Synthesis of Natural Products Containing Deoxypropionate Units via ZACA-Pd or Cu-Catalyzed Cross-Coupling"*
- 10:10-10:40 am      Break
- 10:40-11:20 am      **Prof. Tamio Hayashi, National University of Singapore**  
*"Chiral Diene Ligands for Asymmetric Catalysis"*
- 11:20-12:00 pm      **Prof. Arun Ghosh, Purdue University**  
*"Asymmetric Synthesis of Bioactive Natural Products- Enabling New Medicinal Potential"*

12:00-1:00 pm	Lunch (All registered participants) STEW 306
1:00-1:30 pm	<b>Mr. Akimichi Oda, Purdue University</b> <i>“Highly Enantioselective (<math>\geq 99\%</math> ee) Synthesis of 1-Alkanols of Feeble Chirality via Zr-Catalyzed Asymmetric Carboalumination of Alkenes (ZACA)–Cu- or Pd-Catalyzed Cross-Coupling”</i>
1:30-2:00 pm	<b>Prof. Vladimir Gevorgyan, University of Illinois at Chicago</b> <i>“Silicon Tether Motif in C-H Activation Reactions”</i>
2:00-2:40 pm	<b>Prof. Zhaomin Hou, RIKEN</b> <i>“Activation of Dinitrogen and Aromatic Carbon-Carbon Bonds by Multimetallic Titanium Polyhydrides”</i>
2:40-3:10 pm	<b>Prof. Tong Ren, Purdue University</b> <i>“Organic Transformation at the Periphery of Inorganic Compounds”</i>
3:10-3:30 pm	Closing Remarks and Announcement of Poster Award Winners Prof. P.V. Ramachandran