

Lecture Schedules

Research in Chemical Sciences & Engineering II Topical Lectures in Chemical Sciences & Engineering:

Notice;

To satisfy to get the course credits, you must

- 1) attend the lectures at least 7 times and submit at least 1 report through the year, then you will get 1 credit.
- 2) submit the reports to the “AGS Office” by e-mail <ags@eng.hokudai.ac.jp>, within 2 weeks after the each lecture finishes.

If there are no special suggestions from the lecturers, the subject of the report will be summaries or comments on the lectures.

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1. 21-22 May @MC102, Engineering
“Japan-France Joint seminar on Functional Block Copolymer 2014”
 2. 13-14 June @Akira Suzuki Hall, Frontier Research in Applied Sciences Building
“The 3rd Frontier Chemistry Center International Symposium”
 3. 07 July @Science N-308
Prof. Ke-Zhi Wang (College of Chemistry, Beijing Normal University)
“Ruthenium Complex-based Optical Sensors for Biologically Important Species”
 4. 07 July @MC102, Engineering
Prof. Kilian Muñoz (Institute of Chemical Research of Catalonia, Spain)
“Diamination of Alkenes with High Oxidation State Reagents”
 5. 19-20 July @Jozankei Manseikaku Hotel Milione <CSE Summer School>
Prof. Christian Bruneau (CNRS-The University of Rennes, France)
“From water-soluble to bifunctional phosphinesulfonate ligands. Coordination to transition metals and applications in catalysis”
 6. 22-23 July @Akira Suzuki Hall, Frontier Research in Applied Sciences Building
“Nagoya Univ.-Tsinghua Univ.-Toyota Motor Corp.-Hokkaido Univ. Joint Symposium”
 7. 25 July @05-213, Creative Research Institution (CRIS)
Prof. Christine K. Luscombe (University of Washington, Seattle, USA)
“Precise Engineering of Polymers for Organic Photovoltaics”
 8. 22 August @Akira Suzuki Hall, Frontier Research in Applied Sciences Building
**“New Frontiers in Chemistry:
The 10th Hokkaido Univ.-Nanjing Univ. Joint Symposium,
2014 HU-NU-NIMS/MANA Joint Symposium”**
 9. 30 September @Seminar Rooms B and C (Sousei Building 4th Floor), Catalysis Research Center
**“Synthesis and Applications of Functional Molecules
and Materials Utilizing Biomolecules as a Motif”**

10. 03 October @MC102, Engineering
Prof. Nikolaos Hadjichristidis
(King Abdullah University of Science and Technology, Kingdom of Saudi Arabia)
**“Well-Defined Polyethylene-Based Block Copolymers and Molecular Brushes
by Combining Anionic or Ring Opening Metathesis Polymerization with Polyhomologation”**
11. 10 October @Science#5-206
Prof. Richard Eisenberg
(Tracy Harris Professor Emeritus, Department of Chemistry, University of Rochester, USA)
“Fuel from Water: The Light-Driven Generation of Hydrogen”
12. 17 October @MC102, Engineering
Prof. Eike Bauer (University of Missouri-St. Louis, USA)
“Iron-catalyzed Carbon-carbon and Carbon-heteroatom Bond Forming Reactions”
13. 07 November @Science#7-219/220
Prof. Michel Miesch (Université de Strasbourg, France)
**“Cycloalkanones Tethered to Activated Alkynes and Olefins as Versatile Tools
for the Synthesis of Polycyclic Scaffolds”**
14. 10 November @Seminar Room 2, Frontier Research in Applied Sciences Building
Prof. Pier G. Cozzi (Università di Bologna, Italy)
“Lewis Acids Catalyzed Friedel-Crafts Reactions with Ferrocene Alcohols”
15. 19 November @MC102, Engineering
Prof. Stephan Irle (Nagoya University, Japan)
**“Recent Methodological Developments for the Quantum Chemical Study
of Complex Systems”**
16. 28 November @Akira Suzuki Hall, Frontier Research in Applied Sciences Building
“Frontiers in Chemical Sciences 2014 @SNU & HU”
17. 28 November @MC102, Engineering
Prof. Richard L. Smith, Jr
(Research Center of Supercritical Fluid Technology, Tohoku University, Japan)
**“Physical Properties of Water and Carbon Dioxide
as the Key to Developing Green Processes”**
18. 15 January @Science#6-204-02
Prof. Annette G. Beck-Sickinger (Universität Leipzig, Germany)
“Trafficking of Neuropeptide Y Receptors – and their Applications in Cancer Therapy”
19. 30 January @Akira Suzuki Hall, Frontier Research in Applied Sciences Building
Prof. Jeffrey Bode (ETH Zürich, Switzerland)
“SnAP Reagents for the Synthesis of Chiral, Saturated N-Heterocycles”