

Lecture Schedules

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

Notice;

To satisfy to get the course credit, you must

- 1) attend the lectures at least 7 times and submit at least 1 report in total, then you will get 1 credit for 1 academic year.
- 2) write a report which summarizes a lecture onto 1 sheet of A4 paper.
- 3) Send a report as an attached file by email to the "AGS Office" <ags@eng.hokudai.ac.jp> within 2 weeks after each lecture presentation finishes.

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

01. 01-02 June @Seminar Room 2, Frontier Research in Applied Sciences Building
"Japan-France Joint Seminar on Functional Block Copolymer 2015"
02. 02 July @Seminar Room 1, Frontier Research in Applied Sciences Building
Dr. Matthias Thommes
(University of Edinburgh, AIChE, NIST/FACT, Quantachrome Instruments)
"Progress and Challenges in the Structural Characterization of Nanoporous Materials by Physical Adsorption"
03. 02 July @Science#6-204-02
Dr. Elisa Barea (University of Granada, Spain)
"Porous Coordination Polymers"
04. 07 July @Seminar Room 1, Frontier Research in Applied Sciences Building
Prof. Placidus B. Amama (Kansas State University, USA)
"The Structural and Acid-Base Properties of Ion Beam Damaged Substrates and Implications for Growth Carbon Nanotube Carpets"
05. 15 July @MC102, Engineering
Prof. Moonhor Ree (Pohang University of Science and Technology, Korea)
"Self-Assembling Behaviors of Miktoarm Star Polymers and Asymmetric Cyclic Polymers"
06. 23 July @Science#6-204-02
Prof. Pascale Legault (Université de Montréal, Canada)
"Structure and RNA engineering of a small nucleolytic ribozyme"
07. 24 July @Science#7-310
Prof. Jianwei Zhao (Nanjing University, China)
"Understanding of molecular electron transfer pathway"

08. 29 July @MC102, Engineering
Prof. Zhengbiao Zhang (Soochow University, China)
“Precision Synthesis of Polymers by Controlled Radical Polymerization: from Microstructures to Topologies”
09. 31 July @Seminar Room 2, Frontier Research in Applied Sciences Building
Prof. Jye-Shane Yang (National Taiwan University, Taiwan)
“Pentiptycene-Containing Oligo(*p*-Phenyleneethynylene)s”
10. 21 August @Seminar Room 2, Frontier Research in Applied Sciences Building
Prof. Jean-François Nierengarten (Université de Strasbourg, France)
“Clickable Fullerene Scaffolds: Select your Application and Click”
11. 22 August @Otaru Okobachi-sansou <CSE Summer School>
Prof. Gautam Pitambar (Hokkaido University, Japan)
“How do we know the ranking of my paper?”
Impact of scholarly publications on the author’s and institutional rankings”
12. 03-05 September @MC030, Engineering
“Japan-Taiwan Bilateral Polymer Symposium 2015”
13. 09 September @MC030, Engineering
Dr. Manfred Zinn (University of Applied Sciences Western Switzerland, Sion, Switzerland)
“Bioprocess Engineering: Important aspects of design and implementation for biosynthesis of poly(3-hydroxyvalcanoates)”
14. 24 September @Seminar Room 1, Frontier Research in Applied Sciences Building
Dr. Dirk Schanzenbach (Potsdam University, Germany)
“2-Aminoacridones: New Fluorescence Probes in Thermo-Responsive Polymers”
15. 13-15 October @Akira Suzuki Hall, Frontier Research in Applied Sciences Building
“First International Symposium of Institute for Catalysis
- Global Collaboration in Catalysis Science toward Sustainable Society”
16. 14 October @Science#7-310
Prof. Marc Koper (Universiteit Leiden, the Netherlands)
“New views of the surface electrochemistry of platinum”
17. 16 October @Seminar Room A, Sosei Building
Prof. Jeffrey Roberts (Purdue University, the U.S.A.)
“376th Institute for Catalysis (ICAT) Colloquium”
18. 23 October @Seminar Room 1, Frontier Research in Applied Sciences Building
Prof. Jiro Kasahara (Hokkaido University, Japan)
“Big Data, IoT, and Organic Electronics”
“2-Aminoacridones: New Fluorescence Probes in Thermo-Responsive Polymers”
19. 27 October @Seminar Room 1, Frontier Research in Applied Sciences Building
Prof. Soo-Gil Park (Chungbuk National University, Korea)
“Electrochemical Properties of Composite Materials for Hybrid Capacitor”

20. 28 October @Science#7-219/220
Dr. Odile Eisenstein (Universite Montpellier 2, France)
“Computational Chemistry from Reactivity to NMR Calculations: the Case of Schrock Olefin Metathesis”
21. 16 November @Akira Suzuki Hall, Frontier Research in Applied Sciences Building
Prof. Freek Kapteijn (Delft University of Technology, the Netherlands)
“Adsorptive Heat Pumps - Can MOFs replace existing sorbents?--”
22. 07 January @Seminar Room 1, Frontier Research in Applied Sciences Building
“HU-UCB Joint Symposium on Chemical Sciences and Engineering”
23. 15 January @Seminar Room 1, Frontier Research in Applied Sciences Building
Prof. Hans-Joachim Freund (Fritz-Haber Institut der Max-Planck Gesellschaft, Germany)
“Model Catalysts at the Atomic Level: From Structure (Geometric and Electronic) to Reactivity”
24. 12 February @Seminar Room A, Sosei Building
Prof. Wei Zhang (Soochow University, China)
“Supramolecular Chirality in Achiral Systems: Induction, Memory and Application”
25. 23-24 February @Akira Suzuki Hall, Frontier Research in Applied Sciences Building
“The 4th Frontier Chemistry Center International Symposium
-Future Dreams in Chemical Science and Technology: Bridges to Global Innovations-”