8-5-1 Japan-France Joint Seminar on Functional Block Copolymer 2015

Japan-France Joint Seminar on Functional Block Copolymer 2015(JFJS2015)

Venue: Seminar room 2, Frontier Research in Applied Sciences Building, Faculty of Engineering, Hokkaido University, Japan

Dates: June 1st-3rd, 2015

Schedule:

June 1st (Monday)

10:00- Opening Remark Toshifumi SATOH (Hokkaido University, Japan)

10:10- Synthesis of Neoglycoconjugates for the Preparation of Sugar-Based Block Copolymers
Sami HALILA (CERMAV-CNRS and Grenoble Alpes University, France)

10:40- Synthesis and Morphological Characterization of Liner Diblock and Miktoarm Star Copolymers Consisting of Polyfluorene and Polylactide

Takuya ISONO (Hokkaido University, Japan)

11:10- Chemical Modification of Pectin and Further Copolymerization aiming Application as Biomaterial Edvani Curti MUNIZ (Universidade Estadual de Maringá, Brazil)

13:30- Directed Self-assembly Lithography using Coordinated Line Epitaxy (COOL) Process

Tsukasa AZUMA (EUVL Infrastructure Development Center, Inc. (EIDEC), Japan)

14:00- Carbohydrate-based Block Copolymer Self-assembly: Nanoparticles and Thin Films

Redouane BORSALI (CERMAV-CNRS and Grenoble Alpes University, France)

14:30- Making Nanostructured Thin Films by Surface Segregation of Designed
Fluorine-containing Polymer Teruaki HAYAKAWA (Tokyo Institute of Technology, Japan)

15:30- A New Group Transfer Polymerization Method for Acrylate Monomers

Yougen CHEN (Hokkaido University, Japan)

16:00- Drug Delivery System of Poly(ethylene oxide)-b-Poly(caprolactone) Nanoparticles and
Bacterial Cellulose Gel
Yukari NUMATA (Otaru University of Commerce, Japan)

16:30- Radical Polymerization of Pendant (Meth)acrylates on a Rigid Helical Polyisocyanate
Backbone Producing Poly(meth)acrylates with "Ideally" Atactic Main Chain Configuration
Seigou KAWAGUCHI (Yamagata University, Japan)

17:30- Meeting at Sapporo Aspen Hotel (Closed Session)

June 2nd (Tuesday)

9:00- Sub-10 nm Scale Nanostructures in Self-Organized Linear AB- and ABA-Block Copolymers and A₂B-Miktoarm Star Copolymers Consisting of Maltoheptaose and Polystyrene

Issei OTSUKA (CERMAV-CNRS and Grenoble Alpes University, France)

9:30- Homogeneous Planar Alignment of Nematic Liquid Crystals Induced by Linearly Polarized UV Irradiation Using a Photo-Reactive Dendrimer as an Alignment Agent

Osamu HABA (Yamagata University, Japan)

10:20- P3HT-b-Maltoheptaose Block Copolymer System for Photovoltaic Application
Yoko OTSUKA (CERMAV-CNRS and Grenoble Alpes University, France)

10:50- Synthesis of Maltopentaose-Conjugated Poly(N,N-diethylacrylamide) Block Copolymers by RAFT Polymerization and Their Thermoresponsive Self-Assembly into Nanoaggregates

Atsushi NARUMI (Yamagata University, Japan)

11:20- GreeNanoFilms towards Innovative Bio-electronic Materials and Devices

Noémie BALLOT (CERMAV-CNRS and Grenoble Alpes University, France)

16:00- Integration meeting at Jozankei View Hotel, Sapporo (Closed Session)

June 3rd (Tuesday)

高分子学会北海道支部

8:00- Meeting for future collaboration at Jozankei View Hotel, Sapporo (Closed Session)

http://poly-bm.eng.hokudai.ac.jp/jfjs2015/index.html





Organizers: Toshifumi Satoh (Tel:011-706-6606) and Redouane Borsali

This seminar was supported by Japan-France Research Cooperative Program (JSPS and CNRS), Cermav-CNRS, France, Frontier Chemistry Center (FCC), Ambitious Leader's Program (ALP), and Hokkaido branch of the Society of Polymer Science, Japan.