

ASPIRE Japan-France Joint Workshop on Sustainable Polymers

Venue: 2nd floor Conference Room,
Frontier Research in Applied Sciences Building,
Faculty of Engineering, Hokkaido University, Japan

July 15,16 2026

DAY 1 - July 15 (Wed) 13:30 - 17:00

- 13:40 - 14:10 Hsiao-Fang Wang (National Central University, Taiwan)
"Advanced Transmission Electron Microscopy for Unraveling Dynamic Nanoscale Behavior in Polymers"
- 14:10 - 14:40 Lia M. Mattiazzi (Federal University of Santa Maria, Brazil)
"Carbohydrate-based nanostructures as versatile encapsulation systems"
- 14:40 - 15:10 Ryota Suzui (Hokkaido University, Japan)
"Self-Assembly of Bio-Based Bottlebrush Block Copolymers for Sub-100 nm Ordered Nanostructures"
- 15:20 - 15:50 Weeranuch Lang (Hokkaido University, Japan)
"Designing Bio-based Block Copolymer towards Sugar Diversity"
- 15:50 - 16:20 Hong Li (University Grenoble Alpes, CERMAV-CNRS, France)
"BioRainBow: Stretchable Colored Materials"
- 16:20 - 16:50 Taku Ogura (Euglena Co., Ltd., Japan)
"Industrial application of strutral analysis in solution for personal care products"

DAY 2 - July 16 (Thu) 9:20 - 11:40

- 9:20 - 9:50 Binti Hashim Hamidah (Hokkaido University, Japan)
"Improving the Mechanical Properties of Biodegradable Polymers Using Polymer-Grafted Nanofibrillated Bacterial Cellulose"
- 9:50 - 10:20 Didier Boturyn (University Grenoble Alpes, DCM-CNRA, France)
"Development of de novo antimicrobial peptides"
- 10:30 - 11:00 Hao Wang (Kanazawa University, Japan)
"Comparative study of cellulose and paramylon derivatives for thermoplastic and superabsorbent polymers"
- 11:00 - 11:30 Sylvain Catrouillet (University of Montpellier, France)
"Hydrogen bond driven self-assembly of polymers in solution"

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Organized by: Laboratory of Polymer Chemistry, Hokkaido University

Co-organized by: Kanazawa University COI-NEXT ; FCC, Hokkaido University ;

Co-Creation Core for Soft Materials Aspiring Research & Translation, Hokkaido University
CERMAV-CNRS



金沢大学 COI-NEXT

Frontier Chemistry Center
フロンティア化学教育研究センター



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