

OIST-UO Joint Symposium 2026

Joint Technical Program Schedule • June 25–26, 2026

Thursday, June 25 — Technical Sessions

Morning Session 1: Bio-Organic Chemistry & Glycobiology (Kabe)

Time Slot	Session Type	Speaker & Presentation Details
08:30	Registration	
08:55 ~ 09:00	Opening	
09:00 ~ 09:20	Invited Talk	Kosuke NAMBA (UO) - online Addressing Environmental Issues through Natural Product Synthesis
09:20 ~ 09:40	Invited Talk	Yoshiyuki MANABE (UO) - online Chemical Glycobiology Using Synthetic Glycans
09:40 ~ 10:00	Invited Talk	Fujie Tanaka (OIST) Asymmetric reactions catalyzed by amine derivatives
10:00 ~ 10:20	Invited Talk	Kazuya KABAYAMA (UO) Targeted Alpha Therapy: Development and Functional Evaluation of Radiopharmaceuticals

Morning Session 2: Materials Chemistry, Frameworks & Luminescence (Kabayama)

Time Slot	Session Type	Speaker & Presentation Details
10:20 ~ 10:35	Coffee Break	Refreshments & Networking
10:35 ~ 10:55	Invited Talk	Ichiro HISAKI (UO) - online Photochemical and mechanical dynamic behaviors of hydrogen-bonded crystalline frameworks
10:55 ~ 11:15	Invited Talk	Ryota Kabe (OIST) Trap-Mediated Charge Recombination in Organic Luminescent Materials

Time Slot	Session Type	Speaker & Presentation Details
11:15 ~ 11:35	Invited Talk	Yumi YAKIYAMA (UO) Polarity Modification in Molecular Crystals composed of Unique-Shaped Organic Molecules
11:35 ~ 11:55	Invited Talk	Yohei TAKEDA (UO) Lighting Up Biology with Organic TADF Emitters

Afternoon Session 1: Catalysis & Synthetic Methodology (Tanaka)

Time Slot	Session Type	Speaker & Presentation Details
11:55 ~ 13:30	Lunch Break	Midday Break & Open Discussion
13:30 ~ 13:50	Invited Talk	Eugene Khaskin (OIST) A deep dive into the acceptorless alcohol dehydrogenation, and ester hydrogenation chemistry
13:50 ~ 14:10	Invited Talk	Takuya KODAMA (UO) Photoinduced Disproportionation Enables Oxidative Addition of Aryl Halides at a Gallium(I) Center
14:10 ~ 14:30	Invited Talk	Satoshi Takebayashi (OIST) Molecular Structure of a Doubly Ring-Slipped Ruthenocene Intermediate
14:30 ~ 14:50	Invited Talk	Akimitsu Narita (OIST) Synthesis and Unique Properties of Nonplanar Nanographenes

Afternoon Session 2: Contributed Presentations (Kodama)

Time Slot	Session Type	Speaker & Presentation Details
14:50 ~ 15:05	Coffee Break	Refreshments Break
15:05 ~ 15:20	Contributed Talk	Tsukino Sato (UO) Chemical glycan engineering for elucidating cell surface glycan function
15:20 ~ 15:35	Contributed Talk	Jingyun Tan (OIST) Synthesis and Tunable Triple Emission of a Negatively and Helically Curved Nanographene

Time Slot	Session Type	Speaker & Presentation Details
15:35 ~ 15:50	Contributed Talk	Yuzuki Murata (UO) Construction of Porous Helical Single Crystals Exhibiting Dynamic Morphological Transformation
15:50 ~ 16:05	Contributed Talk	Ryosuke Ino (UO) Visible-Light-Mediated Regioselective Addition of Bis(sulfonyl)sulfane to Alkenes
16:05 ~ 16:20	Contributed Talk	Takuto Kohzuma (UO) Exploring the Optical Properties of Halogenated Phenalenyl Radicals
16:20 ~ 17:40	Poster Session	
Evening	Banquet	Evening Social Event & Dinner

Friday, June 26 — Advanced Structure & Closing

Morning Session 1: Advanced Organic Structures, Radicals & Polymers (Lee)

Time Slot	Session Type	Speaker & Presentation Details
08:50 ~ 09:10	Invited Talk	Mamoru TOBISU (UO) Synthetic Transformations Enabled by Atomic Carbon Equivalents
09:10 ~ 09:30	Invited Talk	Christine Luscombe (OIST) Probing synthesis mechanisms and properties in semiconducting polymers
09:30 ~ 09:50	Invited Talk	Tomohiko NISHIUCHI (UO) Strain-Driven Open-Shell Emergence in Aromatic Hydrocarbons
09:50 ~ 10:10	Invited Talk	Ryohei KISHI (UO) Theoretical Molecular Design of Singlet Fission Chromophores Meeting Multiple Design Criteria

Morning Session 2: Contributed Presentations & Concluding Session (Nishiuchi)

Time Slot	Session Type	Speaker & Presentation Details
10:10 ~ 10:45	Coffee Break	Extended Refreshments Break
10:45 ~ 11:00	Contributed Talk	Kohei Tada (UO) Toward New Strategies for Molecular Design: A Theoretical Investigation of Solid-Enabled Effects on Organic Radicals
11:00 ~ 11:15	Contributed Talk	Rongguan Yin (OIST) Structurally Programmable Organic Nanoparticles Using Controlled Radical Polymerization with Rigidity-Regulated Photoluminescence
11:15 ~ 11:30	Contributed Talk	Masaki Nakahata (UO) Development of Biofunctional Polymeric Hydrogels Using Mucin-Boronic Acid Bonds
11:30 ~ 11:50	Invited Talk	Julia Khusnutdinova (OIST) Mechanoresponsive luminescent materials: synthetic challenges and expanding to polymer-free mechanoluminescent films
11:50 ~ 12:10	Invited Talk	Jinsun Lee (OIST) Single-Atom Catalysis for Sustainable Energy Conversion: Active-Site Engineering and Future Opportunities

Time Slot	Session Type	Speaker & Presentation Details
12:10 ~	Closing	Symposium Wrap-up & Remarks
14:00 ~ 16:30	Lab Tour (Optional)	OIST Research Facilities Site Tour