



International Leading Research
科研費 国際先導研究
KAKENHI



2025 International IRCCS-ILR-IRTG Symposium on “Cutting-Edge Synthesis and Functional Materials”

<Venue> Lecture hall, Noyori Materials Science Laboratory, Nagoya University

June 11 (Wednesday)

18:30- Get Together@Montmartre, Nagoya Tokyu Hotel

June 12 (Thursday)

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| 9:00-9:10 | Opening Remarks: Shigehiro Yamaguchi (Nagoya University) |
| 9:10-9:35 | Masayuki Suda (Nagoya University)
“Twisting Spins with Molecular Chirality: From Electron Transport to Chemical Reactivity” |
| 9:35-10:05 | Bart Jan Ravoo (University of Münster)
“pi-Systems enable enhanced functionality of supramolecular materials” |
| 10:05-10:30 | Atsushi Wakamiya (Kyoto University)
“Interfacial Organic Materials for Efficient Perovskite Solar Cells” |
| 10:30-10:50 | Break |
| 10:50-11:20 | Olga Garcia Mancheño (University of Münster)
“Photocatalytic Activation of Boronic Acids Using Acridine Catalysts” |
| 11:20-11:45 | Daisuke Uraguchi (Hokkaido University)
“Development of Catalysts toward Control of Selectivity in Photoreactions” |
| 11:45-12:15 | Christian Mück-Lichtenfeld (University of Münster)
“Computational studies of ground and excited state chemistry” |
| 12:15-14:00 | Lunch and Poster session |

14:00-14:30	Robert Hein (University of Münster) “Dynamic Redox Switching”
14:30-14:55	Hiroshi Shinokubo (Nagoya University) “Extremely Close π – π Stacking”
14:55-15:25	Matthias Wagner (Goethe University Frankfurt) “Element-Element bond activation by reduced arylboranes”
15:25-15:50	Masaru Tanaka (Kyushu University) “Design and Synthesis of Multi-functional Polymers for Advanced Biomedical Devices”
15:50-16:10	Break
16:10-16:40	Frank Glorius (University of Münster) “Arene hydrogenation”
16:40-17:10	Masahiro Terada (Tohoku University) “Case Study of Improving Enantioselectivity by Enhancing Intermolecular Interactions Using Chiral Phosphoric Acid Catalyst”
17:10-17:40	Armando Studer (University of Münster) “Intermolecular Hydrogen Atom Transfer to π -Systems”
17:40-17:45	Closing Remarks: Susumu Saito (Nagoya University)
18:00-	Banquet

June 13 (Friday)

IRCCS-ILR-IRTG collaborative activity

10:30–12:00	One-on-one discussions among the members including faculty members and students
12:00–14:00	Lunch
14:00–17:00	One-on-one discussions among the members including faculty members and students