

**1st Maruoka Conference on the Frontier of Organic Synthesis and Catalysis  
2024, Nagoya**

**October 14**

10:00 Opening Remark

Chair: Takashi Ooi

10:15 Plenary Lecture: Eric Jacobsen

*“New Perspectives on Ion-Pairing Catalysis”*

Chair: Susumu Saito

11:05 Invited Lecture: Ilija Čorić

*“Direct C–H Arylation and Directional Ionic Bonds”*

11:45 Invited Lecture: Ming Joo Koh

*“Adventures in Carbohydrate Chemistry through Glycosyl Radical Functionalization”*

12:25 Information

12:30 Lunch

Chair: Haruna Sasaki

14:00 Graduate Student Talk: Taiki Hashimoto (Osaka Univ.)

*“H<sub>2</sub> Purification through Sequential Hydrogenation/Dehydrogenation of N-Heterocycles Using Triarylborane Catalysts”*

Chair: Takeru Kikura

14:20 Graduate Student Talk: Nick Hodson (Univ. of Cambridge)

*“Enantioselective Carbon-Nitrogen Bond Formation Directed by a Chiral Cation”*

Chair: Kaho Akita

14:40 Graduate Student Talk: Hiroki Umeda (Univ. of Tokyo)

*“Unimolecular Chemiexcited Oxygenation of Pathogenic Amyloids”*

Chair: Taiga Ando

15:00 Graduate Student Talk: Charis Amber (UC Berkeley)

*“Reductive Amination of Carbonyl C–C bonds Enables Formal Nitrogen Insertion”*

15:20 Afternoon Coffee

15:40 Award Ceremony - KYOTO Rising-Star Lectureship Award 2024 : Mark Levin

Chair: Keiji Maruoka

15:50 Invited Lecture / Award Lecture : Mark Levin

*"Replacing Atoms"*

Chair: Toshio Nishikawa

16:30 Invited Lecture: Hugh Nakamura

*"Simplifying Synthesis of Complex Molecules"*

17:10 Invited Lecture: Hidetoshi Tokuyama

*"Total Synthesis of Bisindole Alkaloids via Late-Stage Oxidative Coupling Strategy"*

17:50 Photo

19:00 Conference Dinner @Hotel Mielparque Nagoya

## October 15

Chair: Kazuaki Ishihara

9:30 Invited Lecture: Daniele Leonori

*"Novel Synthetic Methods in Photochemistry"*

10:10 Invited Lecture: Shu-Li You

*"Recent Progress on Catalytic Asymmetric Dearomatization Reactions"*

10:50 Morning Coffee

Chair: Takashi Ooi

11:20 Invited Lecture: Hajime Ito

*"Revolutionary and Highly Efficient Mechanochemical Organic Synthesis"*

12:00 Closing Remark

## Place

@Noyori Conference Hall

Campas Map E3① <https://en.nagoya-u.ac.jp/map/index.html>