

# The Catalysis and Sensing for our Environment (CASE) Symposium 2024 at The Univ. of Tokyo

April 12<sup>th</sup>, 2024

Department of Chemistry, School of Science, The University of Tokyo  
5F Auditorium in Chemistry Main Building (7-3-1 Hongo, Bunkyo-ku, Tokyo)

- 13:30-13:40** Opening Remarks
- 13:40-14:10** Dr. William Brittain (Durham Univ., United Kingdom)  
"Applications of perfluoroheteroaromatics in chemical synthesis"
- 14:10-14:40** Dr. Yasuhiro Yamashita (The Univ. of Tokyo, Japan)  
"Photoinduced  $\alpha$ -alkylation reactions of carbonyl compounds with alkenes"
- 14:40-15:10** Dr. Alex Cresswell (Univ. of Bath, United Kingdom)  
"Reimagining Amine Synthesis"
- 15:10-15:30** Intermission
- 15:30-16:00** Dr. Ben Buckley (Loughborough Univ., United Kingdom)  
"Selective  $sp^2$  to  $sp^3$  functionalisation: From simple to complex molecules"
- 16:00-16:30** Dr. Haruro Ishitani (The Univ. of Tokyo, Japan)  
"Group VI-modified metal oxides as heterogeneous catalysts for continuous-flow organic transformations"
- 16:30-17:00** Dr. Steve Bull (Univ. of Leicester, United Kingdom)  
"A monoterpene based biorefinery for the synthesis of biorenewable chemicals, drugs and polymers"
- 17:00-17:30** Dr. Yun-Bao Jiang (John S. Fossey CASE Award) (Xiamen Univ., China)  
"Large Peptidomimetic Macrocycles: Synthesis, assembly and functions"
- 17:30** Closing Remarks

**Symposium organization:** Tony James (Univ. of Bath, United Kingdom)

**Local organization:** Shū Kobayashi (The University of Tokyo)

**Support:** Frontiers in Chemistry

Synthetic Organic Chemistry laboratory and GSC Social Cooperation Laboratory,  
Department of Chemistry, School of Science, The University of Tokyo

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**Venue:** Chemistry Main Building (Faculty of Science Chemistry Bldg.  
<http://www.u-tokyo.ac.jp/content/400020145.pdf> (No. 106)

**Fee:** Free

(No pre-registration required)