

## Post Symposium of TOCAT9, 60th Aurora seminar, The 9th International Symposium of Institute for Catalysis

Conference Venue: ICAT main conference room (5th floor)  
Date: August 1, 2022  
Website: [https://www.cat.hokudai.ac.jp/tocat9\\_post/](https://www.cat.hokudai.ac.jp/tocat9_post/)

### Program

August 1, 2022

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| 9:00-9:05    | Opening address  |
| 9:05-9:45    | Prof. Emiel Hensen (Eindhoven University of Technology)<br>“Heterogeneous catalysis for sustainable chemical conversion: On metal nanoparticles, clusters, and single atoms at interfaces” |
| 9:45-10:25   | Prof. Atsushi Urakawa (Delft University of Technology)<br>“ <i>Operando</i> insights into CO <sub>2</sub> hydrogenation catalysis”   |
| Coffee Break |  |
| 10:55-11:50  | Flash talks by poster presenters   |
| 11:50-12:40  | Lunch  |
| 12:40-14:00  | Poster   |
| 14:10-14:50  | Prof. Hyunjoo Lee (Korea Advanced Institute of Science and Technology)<br>“Fuel cell and water electrolysis catalysts for membrane-electrode assembly”                                     |
| 14:50-15:20  | Prof. Fumiaki Amano (Tokyo Metropolitan University)<br>“Photocatalytic dehydrogenative coupling of methane in the presence of water vapor”   |
| Coffee Break |  |
| 15:50-16:30  | Prof. Christophe Copéret (ETH Zurich)<br>“Bridging the gap between well-defined and industrial catalysts via a molecular approach”   |
| 16:30-17:00  | Prof. Kosuke Suzuki (The University of Tokyo)<br>“Precise synthesis and catalysis of metal oxide nanoclusters”   |
| 17:00-17:15  | Closing remarks  |