

**Organized by:**  
**Research Center for Chirality**  
**Research Institute for Science & Technology**  
**Tokyo University of Science**

# **13th Symposium on Chemical Approaches to Chirality**

**November 12 (Wed), 2014**

**Kagurazaka, Tokyo (Ienohikari Kaikan Convention Hall 7F)**

- 10<sup>30</sup> Oliver Trapp** (*University of Heidelberg, Germany*)  
**From Dynamic Catalytic Systems to Coulomb Explosion Imaging**
- 11<sup>05</sup> Patrick Perlmutter** (*Monash University, Australia*)  
**The Asymmetric Synthesis of Chiral Natural and Unnatural Targets:  
Selecting the Best Approach**
- 13<sup>10</sup> Poster Session**
- 14<sup>25</sup> Masakatsu Shibasaki** (*Bikaken, Tokyo*)  
**Recent Progress in Cooperative Asymmetric Catalysis**
- 15<sup>00</sup> Arimasa Matsumoto** (*Tokyo University of Science, Tokyo*)  
**Structure Analysis of Asymmetric Autocatalysis of Pyrimidylalkanol**
- 15<sup>20</sup> Christopher Welch** (*Merck, USA*)  
**Recent Advances in High Throughput Analysis of Enantiopurity for  
Pharmaceutical Process Research & Development**
- 15<sup>55</sup> Coffee Break**
- 16<sup>15</sup> Irena Stará** (*Czech Academy of Sciences, Prague*)  
**Helical Aromatics: Curiosities Stealing the Spotlight**
- 16<sup>50</sup> Jonathan Nitschke** (*University of Cambridge, UK*)  
**Stereochemical Communication and Memory within Complex  
Metal-organic Structures**
- 17<sup>40</sup> Banquet**

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