

# 22<sup>nd</sup> Thieme Lecture in Organic and Bioorganic Chemistry

## Improving Synthetic Efficiency via Catalytic and Multicatalytic Reactions



### Prof. Mark Lautens University of Toronto

**Mark Lautens** completed his B. Sc. at the University of Guelph and then joined the laboratories of Barry M. Trost at the University of Wisconsin-Madison where he completed a PhD in 1985. He discovered the molybdenum catalyzed allylic alkylation and the palladium enyne cycloisomerisation. He joined David A. Evans lab at Harvard University where he was supported by NSERC and worked on the total synthesis of bryostatin. He joined the University of Toronto in 1987 and is currently J. B. Jones Distinguished Professor, Astra Zeneca Endowed Chair and University Professor. His research interests are in the use of metal catalysts to promote new reactions. Specific areas of study are in C-H bond functionalization, multicatalysis and isomerization reactions.

His contributions have been recognized by several awards and honours including: Fellowship of the Royal Society of Canada (RSC), Henry Marshall Tory Award (RSC), J. J. Berry Smith Doctoral Supervision Award, Faculty Award, Officer of the Order of Canada and a D. Sc. honoris causa. He has published over 375 papers and trained 185 graduate students and postdoctoral fellows.

### 22<sup>nd</sup> Day of Organic Chemistry at the University of Stuttgart (TOCUS), October 12, 2018

- 9:00 am Presentations of 12 doctoral students from the Universities of Stuttgart, Regensburg, FZ Jülich, Freiburg, Konstanz, KIT Karlsruhe, Tübingen, Ulm. Auditorium V 55.02
- 5:30 pm Welcoming remarks: Susanne Haak, Georg Thieme Verlag, Stuttgart  
Introduction by Prof. Sabine Laschat, Institute of Organic Chemistry, University of Stuttgart
- 5:45 pm Thieme Lecture: Prof. Mark Lautens, University of Toronto  
**'Improving Synthetic Efficiency via Catalytic and Multicatalytic Reactions'**
- 7:00 pm Evening buffet and after dinner discussions (advanced booking for non-lecturers required)  
Internationales Begegnungszentrum (IBZ) of the University of Stuttgart,  
Robert-Leicht-Straße 161, 70569 Stuttgart