

# ISCHA *Virtual* Symposium

July 27<sup>th</sup> – July 30<sup>th</sup>, 2020

[www.ackermann.chemie.uni-goettingen.de/ischa](http://www.ackermann.chemie.uni-goettingen.de/ischa)

**27<sup>th</sup> to 30<sup>th</sup> July, fully virtual**

## The Symposium

The 1<sup>st</sup> Virtual International Symposium on C–H Activation will this time take place in a fully virtual venue. The symposium features lectures from internationally renowned researchers in the field of sustainable molecular synthesis and will showcase the latest developments in C–H activation. The symposium will cover diverse areas, ranging from transition-metal catalysis and electrosynthesis to enzymatic catalysis, as well as late-stage diversification.



## Confirmed Speakers

**Robert G. Bergman** (UC Berkeley)  
**Tatiana Besset** (INSA, Rouen)  
**Huw Davies** (Emory University)  
**Volker Derdau** (Sanofi, Germany)  
**Vy M. Dong** (UC Irvine)  
**M. Ángeles Fernández-Ibáñez** (University of Amsterdam)  
**Magnus J. Johansson** (AstraZeneca, Sweden)  
**Fumitoshi Kakiuchi** (Keio University)  
**Shane W. Krska** (Merck, USA)  
**Chao-Jun Li** (McGill University)  
**Debabrata Maiti** (IIT Bombay)  
**Tian-Sheng Mei** (Shanghai Institute of Organic Chemistry)  
**Hans Renata** (The Scripps Research Institute)  
**Joanna Wencel-Delord** (Université de Strasbourg)  
**Jung Min Joo** (Pusan National University)  
**Gong Chen** (Nankai University)

## Registration at

<http://www.ackermann.chemie.uni-goettingen.de/ischa>

## Scientific Program

**Lutz Ackermann** (Göttingen University)

## International Advisory Board

**Lutz Ackermann, Christian Bruneau, Sukbok Chang, André Charette, Naoto Chatani, Pierre H. Dixneuf, John F. Hartwig, William D. Jones, Fumitoshi Kakiuchi, Chao-Jun Li, Shinji Murai, Zhang-Jie Shi**

## Registration open NOW. No registration fee!

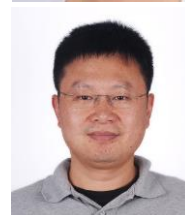
<http://www.ackermann.chemie.uni-goettingen.de/ischa>



**Monday, July 27<sup>th</sup>** Chairman: William D. Jones (University of Rochester, USA)

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- 1<sup>50</sup> pm CEST  
*Opening Remarks*  
**Lutz Ackermann** (Georg-August-University Göttingen, Germany)
- 2<sup>00</sup> pm CEST  
*S,O-ligand promoted Pd-catalyzed C–H olefination of (hetero)arenes*  
**M. Ángeles Fernández-Ibáñez** (University of Amsterdam, The Netherlands)
- 2<sup>30</sup> pm CEST  
*Late Stage Functionalization and Isotope Chemistry in Drug Research*  
**Volker Derdau** (Sanofi, Germany)
- 3<sup>00</sup> pm CEST  
*Asymmetric C-H activation: from simple substrates to complex stereogenic molecular architectures*  
**Joanna Wencel-Delord** (University of Strasbourg, France)
- 3<sup>30</sup> pm CEST  
*C–H Functionalization for Peptide and Carbohydrate Synthesis*  
**Gong Chen** (Nankai University, China)



**Tuesday, July 28<sup>th</sup>** Chairman: Sukbok Chang (KAIST, Korea)

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- 2<sup>00</sup> pm CEST  
*Pd-Catalyzed C–H Annulation of Five-Membered Heteroarenes*  
**Jung M. Joo** (Pusan National University, Korea)
- 2<sup>30</sup> pm CEST  
*Small molecule derivatization by C–H methylation: In pursuit of the magic methyl*  
**Magnus J. Johansson** (AstraZeneca, Sweden)
- 3<sup>00</sup> pm CEST  
*Recent advances to access fluorinated molecules*  
**Tatiana Besset** (Université de Rouen, France)
- 3<sup>30</sup> pm CEST  
*Catalyst-Controlled Site-Selective C–H Functionalization*  
**Huw Davies** (Emory University, USA)



Wednesday, July 29<sup>th</sup> Chairman: Pierre H. Dixneuf (Université de Rennes 1, France)

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3<sup>00</sup> pm CEST

*Imine as a linchpin approach for distal C(sp<sup>2</sup>)-H functionalization*  
**Debabrata Maiti** (IIT Bombay, India)



3<sup>30</sup> pm CEST

*Enroute to Cross-Dehydrogenative-Couplings*  
**Chao-Jun Li** (McGill University, Canada)



4<sup>00</sup> pm CEST

*Choose your own adventure in metal-hydride catalysis*  
**Vy M. Dong** (University of California at Irvine, USA)



4<sup>30</sup> pm CEST

*The application of physical organic methods to the discovery and mechanistic study of reactions between organometallic complexes and carbon-hydrogen bonds in organic molecules: a retrospective account*  
**Robert G. Bergman** (University of California, Berkeley, USA)



Thursday, July 30<sup>th</sup> Chairman: Naoto Chatani (Osaka University, Japan)

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2<sup>00</sup> pm CEST

*Iron-Catalyzed C-H Alkylation of Aromatic Ketones*  
**Fumitoshi Kakiuchi** (Keio University, Japan)



2<sup>30</sup> pm CEST

*Impacting Drug Discovery with C-H Functionalization: Challenges and Opportunities*  
**Shane W. Krska** (Merck, USA)



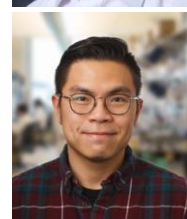
3<sup>00</sup> pm CEST

*Organotransition metal-catalyzed electrochemical C-H functionalization*  
**Tiansheng Mei** (Shanghai Institute of Organic Chemistry, CAS, China)



3<sup>30</sup> pm CEST

*Biocatalytic C-H Oxidation as an Enabling Tool for Complex Molecule Synthesis*  
**Hans Renata** (The Scripps Research Institute, USA)



4<sup>00</sup> pm CEST

*Closing Remarks*  
**Lutz Ackermann** (Georg-August-University Göttingen, Germany)