**ROCCAT II – Münster 2019**

**Rising Organic Chemists in CATalysis**

Friday the 5th of July 2019  
Lecture Hall O1, Organisch-Chemisches Institut, Westfälische Wilhelms-Universität Münster

13:30  
**Congyang Wang**  
Institute of Chemistry, CAS  
*Manganese Organometallic Catalysis*

**Tatiana Besset**  
COBRA laboratory, Rouen University  
*Recent Advances to Original Fluorinated Molecules*

**Xavier Bugaut**  
Aix-Marseille Université  
*Synthesis of atropisomers: when organocatalysis meets conversion of chirality*

15:00  
**Coffee Break**

15:30  
**Zhuangzhi Shi**  
Nanjing University  
*P(III)-directed C-H bond activation*

**Frederic W. Patureau**  
RWTH Aachen  
*Development of direct dehydrogenative couplings towards new organic structures and materials*

**Joanna Wencel-Delord**  
Université de Strasbourg  
*Different approaches for the functionalization of C-H bonds*

17:00  
**Coffee Break**

17:15  
**Akkattu T. Biju**  
Indian Institute of Science, Bangalore  
*Molecular Rearrangements Involving Aryne Intermediates*

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Organization: Svenja Röwer, Manuel van Gemmeren, Olga García Manchego, Frank Glorius
ROCCAT II
Münster 2019

5th July 2019
Münster/Germany
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Lecture Hall O1, Organisch-Chemisches Institut, Westfälische Wilhelms-Universität Münster

Congyang Wang
Institute of Chemistry, Chinese Academy of Sciences

Research Interests: Manganese-Group Metal Catalysis.

Selected key publications:
Manganese-Catalyzed Direct Nucleophilic C(sp²)-H Addition to Aldehydes and Nitriles, Angew. Chem., Int. Ed. 2015, 54, 13659.

Tatiana BESSET
COBRA laboratory, Rouen University

Research Interests: Organofluorine chemistry, transition metal catalyzed C-H bond activation

Selected key publications:

Xavier Bugaut
Aix-Marseille Université

Research Interests: enantioselective organocatalysis, multicomponent reactions, axial chirality, halogen bonding, dearomatization, synthesis of natural and bioactive compounds.

Selected key publications:
**Zhuangzhi Shi**
Nanjing University

**Research Interests:** transition metal-catalyzed organic reactions, inert chemical bond activation, boron chemistry, organic free radicals

**Selected key publications:**

**Frederic W. Patureau**
RWTH Aachen University

**Research Interests:** C–H bond activations, (radical) cross dehydrogenative couplings, oxidative C–H aminations, fused heterocyclic materials

**Selected key publications:**

**Joanna Wencel-Delord**
Laboratoire d’Innovation Moléculaire et Applications, ECPM, UMR 7042, Université Strasbourg/Université Haute-Alsace, France

**Research Interests:** Asymmetric C–H activation, Axial chirality, C–N axially chiral compounds, Hypervalent iodine, Photocatalysis

**Selected key publications:**

**Akkattu T. Biju**
Indian Institute of Science, Bangalore, India

**Research Interests:** Aryne Chemistry, Asymmetric Catalysis, N-Heterocyclic Carbenes, Heterocyclic Chemistry, Transition-metal-free Reactions, Chemistry of small rings

**Selected key publications:**