Frontiers in Chemical Synthesis I
Towards Sustainable Chemistry

2011

	Speaker	Title
June 6, 2011		
Session I: New Technologies for Organic Chemistry (Chairman: Stefano Nicolai)		
9h30-10h45	Filippo De Simone	*Flow Chemistry in Organic Synthesis*
10h45-12h00	Weija Gan	*Design of Ligands for Metal-Catalyzed Reactions in Water*
Session II: Functionalization of Olefins and C-H bonds (Chairman: Jean-Baptiste Gualtierotti)		
13h30-14h45	Ala Bunescu	*Palladium-Catalyzed C-H Amination*
14h45-16h00	Laetitia Souillart	*Late Stage C-H Activation in Protecting Group Free Total Synthesis*
16h00-17h15	Baihua Ye	*Rhodium-Catalyzed Hydroamination of Olefins*
June 7, 2011		
Session III: Organocatalysts and Radicals (Chairman: Filippo De Simone)		
8h15-9h30	Thomas Buyck	*Organocatalysis by N-Heterocyclic Carbenes*
9h30-10h45	Florian De Nanteuil	*Cooperative Catalysis: Organocatalysts and Metals*
10h45-12h00	Jean-Baptiste Gualtierotti	*Metal and Enlightenment, Radical Pathways toward Complex Structures*
Session IV: Metal Catalysis (Chairman: Baihua Ye)		
13h00-14h15	Stefano Nicolai	*Rhodium-Catalyzed Cycloaddition Reactions*
14h15-15h30	Daniel Lamey	*Gold Nanoparticles for Heterogenous Catalysis in Organic Chemistry*
15h30-16h45	Pablo Marcelo Perez Garcia	*Enantioselective Reactions Catalyzed by Iron Complexes*

2014

	Speaker	Title
May 22, 2014, CH C3 30		
Session I: (Antonin Clémenceau)		
13h30-14h45	Rahmanudin Aiman	*C-H Arylation for the Synthesis of Organic Materials*
14h45-16h00	Christopher Kourra	*Combinatorial Pd and Micellar Catalysis in Water*
16h00-17h15	Dylan Dagoneau	*Selected Examples of Domino Reactions in Total Synthesis*
May 23, 2014, BCH 4310		
Session II: (Christopher Kourra)		
13h30-14h45	Antonin Clémenceau	*Cinchona Alkaloids : Efficient Bifounctional Organocatalyts in Asymmetric Synthesis*
14h45-16h00	Fedor Zhurkin	*Iodonium Ylides in Organic Synthesis*
16h00-17h15	Ahmed Embaby	???

2017

	Speaker	Title
June 1, 2017, BCH 4310		
Session I: (Philipp Greenwood)		
13h00-14h00	Coralie Duchemin	*Transition metal catalyzed oxidative C-H functionalization strategy for C-O bond formation*
14h00-15h00	Philipp Seeberger	*Advances in Ag(I)-catalyzed C-H bond functionalization*
15h00-16h00	Abdusalom Suleymanov	*Recent Advances in Non-activated C(Sp3)-H Bond Functionalization*
16h00-17h00	Marko Stojanovic	*C-H Activation as an Alternative Tool for the Synthesis of Organic Electronic and Photonic Materials*
17h00-18h00	Mao Runze	*Joining Photoredox and Transition-Metal Catalysis*
June2, 2017, BCH 5310		
Session II: (Coralie Duchemin)		
9h00-10h00	Yun Suk Jang	*Recent Developments in Asymmetric Cooperative Catalysis of Transition Metals and Chiral Bronsted Acids*
10h00-11h00	Marion Garreau	*Radical Reactions in Water*
11h00-12h00	Budai Balazs	*Recent Progress on the Use of Bismuth in Organic Synthesis*
Session III: (Marko Stojanovic)		
15h00-16h00	Phillip Greenwood	*Recent Progress for the Incorporation of Carbon Dioxide into Organic Molecules via Transition Metal Catalysis*
16h00-17h00	Fink Cornel	*Catalytic Reduction of Carbon Dioxide*

2020

	Speaker	**Title**
**May 11, 2020, Zoom: **		
Session I: (Chair: Stephanie Amos)		
8h15-9h15	John Reed	*Use of Electrochemistry in Total Synthesis*
9h15-10h15	Raphael Simonet-Davin	*Enantioselective Radical Reactions via Transition Metal Catalysis*
10h15-11h15	Annabell Martin	*Catalytic Cascade Reactions by Radical Relay*
**May 11, 2020, Zoom: **		
Session II: (Chair: John Reed)		
13h15-14h15	Alexandre Leclair	*Recent Advances in Iron-Catalyzed Cross Coupling Reactions*
14h15-15h15	Stephanie Amos	*Enantioselective syntheses and transformations of Cyclopropyl Ketones*
**May 13, 2020, Zoom: **		
Session III: (Chair: Alexandre Leclair)		
9h15-10h15	Anastasia Gitlina	*Acid-Mediated Hydroaminomethylation*
10h15-11h15	Abhyankar Kedar	*Gold-catalyzed C-C bond forming reactions of non-activated olefins*