

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

2014

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

2017

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

2020

	Speaker	Title
May 11, 2020, Zoom: https://epfl.zoom.us/j/99900310067		
Session I: (Chair: Stephanie Amos)		
8h15-9h15	John Reed	<i>Use of Electrochemistry in Total Synthesis</i>
9h15-10h15	Raphael Simonet-Davin	<i>Enantioselective Radical Reactions via Transition Metal Catalysis</i>
10h15-11h15	Annabell Martin	<i>Catalytic Cascade Reactions by Radical Relay</i>
May 11, 2020, Zoom: https://epfl.zoom.us/j/94781408031		
Session II: (Chair: John Reed)		
13h15-14h15	Alexandre Leclair	<i>Recent Advances in Iron-Catalyzed Cross Coupling Reactions</i>
14h15-15h15	Stephanie Amos	<i>Enantioselective syntheses and transformations of Cyclopropyl Ketones</i>
May 13, 2020, Zoom: https://epfl.zoom.us/j/97639831812		
Session III: (Chair: Alexandre Leclair)		
9h15-10h15	Anastasia Gitlina	<i>Acid-Mediated Hydroaminomethylation</i>
10h15-11h15	Abhyankar Kedar	<i>Gold-catalyzed C-C bond forming reactions of non-activated olefins</i>

2023

	Speaker	Title
May 15, 2023, BCH 3303		
Session I: (Chair: Christine Marty)		
10h15-11h15	Emma Robert	<i>Triplet Energy Transfer for enantioselective transformations</i>
11h15-12h15	Tak Hin Wong	<i>Organocatalysis in enantioselective radical reactions</i>
May 15, 2023, BCH 3303		
Session I: (Chair: Tak Hin Wong)		
13h15-14h15	Cedric Fung	<i>Palladium-catalyzed cascade reactions</i>
14h15-15h15	Christine Marty	<i>Transformation of biologically active compounds via mechanochemistry (TBS)</i>
15h15-16h15	Vladyslav Smyrnov	<i>Photocatalytic Late-stage C-H Functionalization</i>