

PROGRAMME AT A GLANCE

Sunday, 18 August 2019

12:00	Registration
15:00	Opening Ceremony
15:30	Boudart Award Lecture
16:30	Francois Gault Lecture
17:30	Welcome Reception

Monday, 19 August 2019

Room:	Europa Saal					
9:00	PLENARY LECTURE Molecular oxygen as a reagent in late transition metal catalysis K.I. Goldberg, University of Pennsylvania/USA					
10:00	Coffee Break					
	contributed lectures (20 minutes presentations)			short lectures (10 minutes presentations)		
Room:	Europa Saal	Brüssel Saal	K4/5	K1/2	K6	K7/8/9
10:30	Industrial Forum	High-Value Products from Biomass	Alkane and Alkene Oxidation	Advances in NOx Reduction	Electrocatalysis and Fuel Cells	Nanoparticle Catalysis
12:10	Lunch					
13:40	Catalyst Design: CO ₂ Hydrogenation and Beyond	Mechanistic Insight into Environmental Catalysis	Catalysts and Processes for Ammonia Synthesis	Materials for Fuel Cell Applications	Solid Acid Catalysis	Photocatalysis
15:00	Coffee Break					
15:30	Biomass Fractionation and Conversion	Mechanistic Insight from Theory and Experiment	Materials for CO Oxidation	Selectivity in Complex Syntheses	Catalysis for Base Chemicals	Zeolite and MOF Catalysts
17:10	POSTER SESSION A (17:10 – 19:00)					

Tuesday, 20 August 2019

Room:	Europa Saal					
9:00	PLENARY LECTURE Catalysis for conversion of sustainable energy I. Chorkendorff, Technical University of Denmark/DK					
10:00	Coffee Break					
	contributed lectures (20 minutes presentations)			short lectures (10 minutes presentations)		
Room:	Europa Saal	Brüssel Saal	K4/5	K1/2	K6	K7/8/9
10:30	Industrial Forum	Selective Biomass Conversion	Oxidation and Dehydrogenation Catalysis in Organic Synthesis	CO ₂ Methanation	Environmental Catalysis	Session title to be given
12:10	Lunch					
13:40	Catalyst Design for CO ₂ -Based Energy Carriers	In operando NMR	Materials for Electrocatalytic Energy Conversion	Syngas Conversion: Beyond Fischer Trosch	CeO ₂ as Catalyst Support	Materials for Oxidation
15:30	You'll never walk alone: The Young European Catalysis Network (YEuCat)					
15:30	Guided Tours Aachen					

- Industrial Forum
- High Value Chemicals
- Bulk Chemicals and Commodities
- Environmental protection
- Energy and Fuels

subject to alterations

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Wednesday, 21 August 2019

Room:	Europa Saal					
9:00	PLENARY LECTURE Catalytic Reactions with Molecular Oxygen: From Chemical Synthesis to Energy Conversion S. Stahl, University of Wisconsin-Madison/USA					
10:00	Coffee Break					
	contributed lectures (20 minutes presentations)			short lectures (10 minutes presentations)		
Room:	Europa Saal	Brüssel Saal	K4/5	K1/2	K6	K7/8/9
10:30	Industrial Forum EFCATS Applied Catalysis Award	Sustainable Monomers and Polymers	Advanced Preparation Methods	CO ₂ to Methanol: Catalysts and Processes	Platform Chemicals from Biomass	Session title to be given
12:10	Lunch					
13:40	Selectivity Control through Material Design	Alternative Energy Input	Mechanistic Aspects of CO Oxidation	Mechanistic Insight in Electrocatalytic Energy Conversion	Hydrogenation of Biomass	Mass and Heat Transfer Control
15:00	Coffee Break					
15:30	Platform Chemicals from Biomass EFCATS Young Researcher Award	Redox Catalysis for Small Molecule Activation	Material Properties and Performance	Photo- and Redox Active Environmental Catalysts	Catalysis for Fine Chemicals	CO _x Hydrogenation
17:10	POSTER SESSION B (17:10 – 19:00)					

Thursday, 22 August 2019

Room:	Europa Saal					
9:00	PLENARY LECTURE Stimulation of catalytic processes: Some new approaches and expected benefits V.N. Parmon, Borekov Institute of Catalysis SB RAS/RUS					
10:00	Coffee Break					
	contributed lectures (20 minutes presentations)			short lectures (10 minutes presentations)		
Room:	Europa Saal	Brüssel Saal	K4/5	K1/2	K6	K7/8/9
10:30	Industrial Forum	Olefin Oligomerization and Polymerization	Advances in NOx Reduction	Alkane Dehydrogenation and Cracking	Catalysis for Fine Chemicals	Syngas Conversion
12:10	Lunch					
13:40	Molecular Approaches to Biomass Valorization	Photocatalytic Hydrogen Evolution	Materials for Selectivity Control	Mechanistic Insight from Theory and Experiment	Session title to be given	Session title to be given
15:00	Coffee Break					
15:30	Advances in Fischer-Tropsch Catalysis	CO ₂ as Environmentally Benign Carbon Source	Interaction of Active Species and Matrix	Dehydrogenative Small Alkane Activation	Valorization of Biomass	In Operando Analysis
19:00	Conference Dinner at the Town Hall of Aachen (19:00 – 23:00)					
19:30	EuropaCat Party at Eurogress Aachen (19:30 – 01:00)					

Friday, 23 August 2019

Room:	Europa Saal					
9:00	PLENARY LECTURE Single-sites: Concept and Methods to Decipher Industrial Catalysts C. Copéret, ETH Zürich/CH					
10:00	Coffee Break					
	contributed lectures (20 minutes presentations)			short lectures (10 minutes presentations)		
Room:	Europa Saal	Brüssel Saal	K4/5	K1/2	K6	K7/8/9
10:30	Organometallic Catalysts under Operating Conditions Alwin Mittasch Prize	Selective Oxidation	Advances in Fischer-Tropsch Catalysis	Industrial Forum	Catalysis for C ₁ Conversion	Advanced Catalyst Preparation
Room:	Europa Saal					
12:10	PLENARY LECTURE "Pas de Deux" of methane: Chemical Engineering and Catalysis G.B. Marin, Ghent University/B					
13:10	Closing Ceremony					

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