

PROGRAMME AT A GLANCE

Sunday, 18 August 2019

12:00	Registration
14:45	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	ISO 2019 Workshop 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 C ₁ Conversion	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	Zeolite Catalysis
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	Electrochemistry and photosynthesis	ISO 2019 Workshop Materials for Oxidation
15:30	The Energy-Chemistry Nexus: Towards a European Sustainable Energy & Catalysis Research Initiative					Room: Brüssel
15:30	The Future of Scientific Publishing – A Panel Discussion with Representatives of Catalysis Journals					Konferenzraum 1/2
15:30	Start-up Forum – Challenges and Opportunities for New Businesses in Catalysis (Organised by CAT and QuinCAT)					Konferenzraum 7/8/9
15:30	You'll never walk alone: The Young European Catalysis Network (YEUCat)					Konferenzraum 4/5

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

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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	EFCATS Applied Catalysis Award Industrial Forum	Sustainable Monomers and Polymers	Advanced Preparation Methods	CO ₂ to Methanol: Catalysts and Processes	Platform Chemicals from Biomass	Catalysis for Base Chemicals
12:10	Lunch					
13:40	Selectivity Control through Material Design	Alternative Energy Input	ISO 2019 Workshop 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	EFCATS Young Researcher Award Platform Chemicals from Biomass	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, Boreskov 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	Catalyst Concepts and Preparation	CeO ₂ as Catalyst Support
15:00	Coffee Break					
15:30 – 17:10	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	Alwin Mittasch Prize Organometallic Catalysts under Operating Conditions	ISO 2019 Workshop Selective Oxidation	Advances in Fischer-Tropsch Catalysis	Industrial Forum	Poster Award Lectures	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					