

Topics	Structure-Reactivity Relationships 01	Kinetic, Theory & Mechanisms 02	Reaction Engineering & Implementation 03	Energy, Environment & Feedstocks 04	More efficient Processes 05	New Products & Processes 06
Research Departments	M. Beller (comm.) Wolfgang Baumann	Evgenii Kondratenko Haijun Jiao	David Linke Udo Armbruster	Eszter Baráth Robert Francke	Sebastian Wohlrab Bernd Müller	Torsten Beweries Christian Hering-Junghans
Synergies in Catalysis Eszter Baráth	Selective Catalytic Synthesis Methods Eszter Baráth	Catalysis w. Phosph. Materials Christian Hering-Junghans		Sel. Cat. Synthesis Methods Eszter Baráth Catalysis w. Phosph. Materials Christian Hering-Junghans		Sel. Catal. Synt. Methods Eszter Baráth Catalysis w. Phosph.Materials Christian Hering-Junghans
Applied Homogeneous Catalysis Matthias Beller	Catalysis for Energy Henrik Junge Sustain. Redox Reactions Kathrin Junge	Theory of Catalysis Haijun Jiao	Catalysis for Life Sciences Helfried Neumann Applied Carbonylations Ralf Jackstell Catalysis for Energy Henrik Junge	Sustain. Redox Reactions Kathrin Junge Catalysis for Energy Henrik Junge	Sustain. Redox Reactions Kathrin Junge Catalysis for Life Sciences Helfried Neumann Applied Carbonylations Ralf Jackstell	Sustain. Redox Reactions Kathrin Junge Catalysis for Life Sciences Helfried Neumann
Modern Concepts in Molecular Catalysis Torsten Beweries	Cat. with Early Trans. Metals Fabian Reiß Cat. with Late Trans. Metals Torsten Beweries Cat. Functionalization Jola Pospech	Cat. with Early Transition Metals Fabian Reiß Mech. in homog. Catalysis Hans-Joachim Drexler				Cat. with Early Trans. Metals Fabian Reiß Cat. with Late Trans. Metals Torsten Beweries Cat. Functionalization Jola Pospech
Hydrogenations & Hydroformylations Armin Börner		Catalysis for Sust. Syntheses Jagedeesh Rajenahally	Catalysis for Sust. Syntheses Jagedeesh Rajenahally	Catalysis for Heterocycles Xiao-Feng Wu Catalysis for Sust. Syntheses Jagedeesh Rajenahally	Hydrogenations & Hydroformylations Jens Holz Catalysis for Sust. Syntheses Jagedeesh Rajenahally	Catalysis for Heterocycles Xiao-Feng Wu Hydrogen. & Hydroformyl. Jens Holz
Electrochemistry & Catalysis Robert Francke				Molecular Electrochemistry Robert Francke Heterogeneous Electrocatalysts Annette-Enrica Surkus Continuous Electrochem. Proc. Wen Ju	Molecular Electrochemistry Robert Francke Cat.design f. Electrosynth. Bernd Müller Continuous Electrochem. Proc. Wen Ju	Molecular Electrochemistry Robert Francke Cat.design f. Electrosynth. Bernd Müller
Advanced Methods for Applied Catalysis Evgenii Kondratenko	Magn. Res. & X-Ray Meth. Jabor Rabeah Opt. Spectroscopy Christoph Kubis Reaction Mechanisms Evgenii Kondratenko	Magn. Res. & X-Ray Meth. Jabor Rabeah Opt. Spectroscopy Christoph Kubis Reaction Mechanisms Evgenii Kondratenko		Magn. Res. & X-Ray Meth. Jabor Rabeah Opt. Spectroscopy Christoph Kubis Reaction Mechanisms Evgenii Kondratenko	Reaction Mechanisms Evgenii Kondratenko	Reaction Mechanisms Evgenii Kondratenko
Catalysis for sustainable processes Udo Kragl			Polymer Chem. & Catalysis Esteban Mejia Biocat. & reaction engineering/membr. processes Udo Kragl	Polymer Chem. & Catalysis Esteban Mejia Homog. Cat. w. renewable raw materials Sergey Tin		Polymer Chem. & Catalysis Esteban Mejia Biocat. & reaction engineering/membr. processes Udo Kragl
Catalyst Discovery & Reaction Engineering David Linke			High-Throughput Technol. Uwe Rodemerck Reaction Engineering David Linke	Reaction Engineering David Linke	High-Throughput Technol. Uwe Rodemerck Reaction Engineering David Linke	High-Throughput Technol. Uwe Rodemerck Reaction Engineering David Linke
Heterogeneous Photocatalysis Jennifer Strunk				CO ₂ -Reduction Tim Peppel Micro Reaction Engineering Norbert Steinfeldt	Micro Reaction Engineering Norbert Steinfeldt	
Heterogeneous Catalytic Processes Sebastian Wohlrab	Surface Chem. in applied Cat. Ali Abdel-Mageed Inorg. Functional Materials Sebastian Wohlrab		Technol. Oriented Processes Udo Armbruster Surface Chem. in applied Cat. Ali Abdel-Mageed Inorg. Functional Materials Sebastian Wohlrab	Surface Chem. in applied Cat. Ali Abdel-Mageed Inorg. Functional Materials Sebastian Wohlrab Technology Oriented Processes Udo Armbruster	Technology Oriented Processes Udo Armbruster Inorg. Functional Materials Sebastian Wohlrab	
Young Research Groups	Modelling metal complexes in catalytic reactions Olga Bokareva Modern org. Chemistry Osama El-Sepelgy	Modelling metal complexes in catalytic reactions Olga Bokareva		Modern org. Chemistry Osama El-Sepelgy		
„Uni in Leibniz“ Associated Groups	Björn Corzilius · Marko Hapke Axel Schulz	Ralf Ludwig · Klaus Neymeyr		Malte Brasholz · Klaus Neymeyr Wolfram Seidel · Thomas Werner	Thomas Werner	Marko Hapke · Axel Schulz Thomas Werner
Analytics Wolfgang Baumann	Analytics					