main activity
supporting activity
coordination
SRA coordination

Researcher's Institution & Main Competence		Carbon-based Fuel Conversion			Ammonia Conversion			Concatenated Synthetic Pathways			Translational Catalytic Processes			Resilient & Adaptive Conversion Systems		
Strategic Research Area		Bio-hybrid Fuel Performance	Zero-impact Thermal Energy Conversion	Carbon-based Fuel Cells	Ammonia Combustion	Ammonia Fuel Cell	N-Emission Control	Bio-hybrid Synthesis	Interconnected Catalytic Concepts	Integrated Reactor Systems	Feedstock Complexity & Variability	Energy & Feedstock Fluctuation	Feedstock Supply & Integrated Conversion	Process Design & Operation	System Integration	Life Cycle Assessment
Arning (RWTH)	Risk Perception & Communication															
von der Aßen (RWTH)	Thermodynamic & Life Cycle Assessment															
Backhaus* (RWTH)	Environmental Impact															
Blank (RWTH)	Metabolic Engineering of Microbes															
Bolm* (RWTH)	Catalysis for Organic Synthesis															
Boxx* (RWTH)	Optical Diagnostics															
Eichel (FZJ & RWTH)	Electrocatalysis & HT Fuel Cells															
Greiff (RWTH)	Circular Economy & Sustainability															
Herres-Pawlis (RWTH)	Bioinorganic Chemistry															
Heufer (RWTH)	High-pressure Ignition Kinetics															
Jupke (RWTH & FZJ)	Exp. Analysis & Model-based Reactor Design															
Khetan* (RWTH)	Multiscale Modelling of Heterogeneous Catalysis															
Klankermayer (RWTH)	Translational Molecular Catalysis															
Kneer* (RWTH)	Experimental Spray Characterization															
Lauterbach (RWTH)	Synthetic Microbiology															
Leicht-Scholten (RWTH)	Gender & Diversity in Engineering															
Leitner (MPI CEC & RWTH)	Molecular Catalysis															
Leonhard* (RWTH)	Predictive Multi-scale Models															
Magnus* (RWTH)	Biochemical Engineering															
Mayrhofer (FZJ)	Electrocatalysis															
Mechler (RWTH & FZJ)	Electrochemical Reaction Engineering															
Mitsos (RWTH & FZJ)	Process Design & Optimization															
Palkovits (RWTH & FZJ)	Heterogeneous Catalysis, Nanostructured Materials															
Pischinger (RWTH)	Combustion System Optimization															
Pitsch (RWTH)	Combustion, Multi-phase Flow															
Rother (FZJ & RWTH)	Chemo-enzymatic Syntheses															
Schmitz* (RWTH)	High-pressure Fluid Analytics & Tribology															
Schoenebeck (RWTH)	Catalysis at the Interface of Modeling & Exp.															
Schröder* (RWTH)	Computational Fluid Dynamics															
Simon (RWTH)	Nanomaterials for Catalysis															
Venghaus* (RWTH)	Decision Analysis & Socio-economic Assessment															
Waldvogel (MPI CEC)	Electrosynthesis															
Walther (RWTH)	Planning of Sustainable Supply Chains															
Wessling (RWTH)	Electro-catalytic Membrane Reactors															
Wiegand* (RWTH)	Magnetic Resonance of Catalysts															
Ziefle* (RWTH)	Techn. Acceptance, Risk Communication															
Zobel (RWTH)	Structure & Dynamics of Heterogeneous Catalyst															

*associated PI