

Wednesday, 02.04.2025 13:00 - 18:30 KIT Senatssaal, Geb. 11.30, Engelbert-Arnold-Str. 2, 76131 Karlsruhe

13:00 - 14:00	Get-together with Lunch
14:00 - 15:40	Clean Circles
	Welcome and Introduction
	Olaf Deutschmann, Andreas Dreizler
Spotlights	Enabling a Circular Energy System?
	Comparing Metals and Hydrogen Derivatives
	Julia Schuler
	Techno-Economic Insights into Iron-Based Energy Cycles: A Power-to-Power
	and Sub-Process Analysis
	Jannik Neumann
	Energy Release – Production of High-Temperature Heat
	Operando Synchrotron Measurements of a Laminar Flame
	Dmitry Doronkin
	Modeling Iron-Air Oxidation – From the Particle to the Flame
	Arne Scholtissek
15:40 - 16:00	Break
16:00 - 17:20	The Energy Transition Requires Governance
	Multi-criterial Selection of Partner Countries
Spotlights	Kai Schulze
	Linking innovation and global political cooperation - the case of clean
	technologies
	Ingrid Ott
	Renewable Energy Storage – Recycling and Reduction
	Unraveling reduction behavior and cyclization effects
	Carola Kuhn, Max Deutschmann
	Electrochemical Slurry Reactor for Continuous Iron Oxide Reduction
	John Linkhorst
17:20 - 17:30	The Future of Metal Energy Carriers
	Outlook and Closing
	Christian Hasse
17:30 - 18:30	Farewell and Dinner
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