

24th Cologne Process Engineering Conference

CO₂ as a Resource

January 26, 2024 from 8:30 to 14:00

Room HW-02-118

Conference Program

Speaker		Time
Gerd Braun	Welcome to the 24th Cologne Process Engineering Conference	08:30
Ali Allami	Urea Production: An overview of challenges and production processes	08:40
Alexander Beu	Formic acid production: Green formic acid by hydration of carbon dioxide?	09:05
Tom Franke	Using CO ₂ as a Resource for Methanol Synthesis	09:30
Elena Matthes	Transforming Emissions into Valuable Products: An Innovative Process for Dimethyl Carbonate Production	09:55
	Coffee break	10:20
Mouna Mejdi	Production of e-fuels from CO ₂	10:40
Kristina Petrusic	Production of e-fuels via hydrogen and carbon dioxide	11:05
Tobias Schumacher	Carbon Dioxide as Feedstock for Polymer Synthesis	11:30
Tunahan Kocaustaoglu	Application of supercritical fluid extraction with CO ₂ as a solvent	11:55
Lars Niedringhaus	CO ₂ Capture and Storage in WtE-plants via Post Combustion	12:20
Badre Ait Amghar Karmen Alkildani Mouad El Quaddani Peter Gladbach Nina Vogel Amine Farisy	Poster presentation	12:45
	Lunch Break and Poster Session on Carbon Capture	13:00
	Best poster and best presentation award	13:45
	End of conference	14:00