

Uhde innovate 2024

Where sustainability meets chemical engineering



Welcome to Uhde innovate 2024

Day 1
June 4, 2024

All times are in central European summer time.

Times, topics and speakers may change

Time	Topic and speaker
17:30	Transfer Hotels Dortmund to Uhde
18:00	Accreditation Uhde Foyer
18:30	Get together – Casino thyssenkrupp Uhde, Dortmund
18:45	Welcome by CEO Uhde

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Day 2
June 5, 2024

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Times, topics and speakers may change.

Time	Topic and speaker
07:45 – 08:45	Transfer Hotels Dortmund – ruhr tech kampus essen
08:30 – 09:25	Accreditation k2, Essen
09:25 – 09:30	Welcome Nadja Håkansson
09:30 – 09:45	Interview "thyssenkrupp - Enabling the green transformation" Dr. Cetin Nazikkol
09:45 - 10:00	Keynote "thyssenkrupp Uhde - We create a livable planet" Nadja Håkansson
10:00 - 10:40	Panel discussion: The clean industrial powerhouse of thyssenkrupp Decarbon Technologies Nadja Håkansson, Christian Myland, Dr. Cetin Nazikkol, Armin Necker, Dr. Werner Ponikwar
10:40 – 11:30	Break for networking
11:30 – 11:55	Market drivers and outlook Omkar Bhanage
11:55 – 12:20	Pricing mechanisms for E-fuels Jack Merriott
12:20 – 12:45	Partnership approach with thyssenkrupp Uhde for project SkyfuelH2 Dr. Harald Hecking
12:45 – 13:40	Lunch
13:40 – 14:00	Innovative technologies for blue and green ammonia – enabler of clean energy value chain Karan Bagga, Tobias Birwe
14:00 – 14:20	Closing the green value chain with Uhde ammonia cracking Dr. Christian Renk
14:20 – 14:40	New solutions in fertilizer production and emission control Dr. Klaus Nölker
14:40 – 15:00	Increase of nitrogen use efficiency with innovative granulation additives Dr. Matthias Potthoff
15:00 – 15:40	Panel discussion: Shipping the sunshine & feeding the world - clean ammonia and fertilizer technologies Karan Bagga, Tobias Birwe, Dr. Klaus Nölker, Dr. Matthias Potthoff, Dr. Christian Renk
15:40 – 16:30	Break for networking
16:30 – 16:40	Reflection and outlook Organization bus transfer and evening event
17:00 – 18:00	Shuttle to evening event
18:00 – 23:00	Evening event – BRAUTURM (Dortmunder U), Dortmund Dinner and get together

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Day 3
June 6, 2024

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Times, topics and speakers may change.

Time	Topic and speaker
07:45 – 08:45	Transfer Hotels Dortmund – ruhr tech kampus essen
08:30 - 09:15	Accreditation k2, Essen
09:15 – 09:20	Welcome Nadja Håkansson
09:20 – 09:40	CO2 capture – the corner stone for closing the carbon cycle in a green economy Dr. Olaf von Morstein
09:40 – 10:20	CCU / Carbon2Chem® - chemical solutions for climate protection Matthias Kammel, Dr. Ralph Kleinschmidt, Dr. Carsten Schmitt, Dr. Hans-Jörn Weddige, Eike Willms
10:20 – 10:40	The power of partnerships Alberto Giovanzana, Lucretia Löscher
10:40 – 11:20	Break for networking
11:20 – 11:50	Sustainable chemicals technologies Part 1: Biomass gasification & sustainable value chains in the chemical industry Dr. Guido Daniel, Karsten Radtke, Frédéric Balligand
11:50 - 12:10	Sustainable chemicals technologies Part 2: Green methanol - environmentally sound raw material for major industries Dr. Alexander Schulz
12:10 - 12:30	Sustainable chemicals technologies Part 3: Methanol to X–pathways for production of sustainable aviation fuels and selected chemicals Dr. Thomas Streich
12:30 – 13:10	Panel discussion: Sustainable chemicals value chains Dr. Guido Daniel, Dr. Olaf von Morstein, Karsten Radtke, Dr. Alexander Schulz, Dr. Thomas Streich
13:10 – 14:00	Lunch
14:00 – 14:20	Phosphogypsum - low-emission calcination process for CO2 capture in limestone Dr. Dirk Köster
14:20 – 14:40	High pressure technologies for the solar energy revolution Waldemar Hiller
14:40 – 15:00	The sustainable technologies of Uhde Inventa-Fischer Udo Mühlbauer
15:00 – 15:40	Break for networking
15:40 – 16:00	EPC partnering Dr. Sven Müller-Rinke
16:00 – 16:20	Green revamp solutions Alexander Poppe, Dr. Günter Völker
16:20 – 16:40	Plant digitalization and asset management Dr. Sascha Wenzel
16:40 – 17:20	Panel discussion: Digital solutions, green revamps, EPC partnering Dr. Sven Müller-Rinke, Alexander Poppe, Dr. Günter Völker, Dr. Sascha Wenzel
17:20 – 17:30	Wrap up

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Confirmed speakers (in alphabetical order)

Bagga, Karan	CTO thyssenkrupp Uhde Australia Pty.Ltd.
Balligand, Frédéric	Vice president Axens SA
Bhanage, Omkar	Global Head of Strategy & Sales Steering thyssenkrupp Uhde GmbH
Birwe, Tobias	Sales Director Fertilizer & Methanol Division thyssenkrupp Uhde GmbH
Daniel, Guido Dr.	Executive Director Petrochemicals & Polymers thyssenkrupp Uhde GmbH
Giovanzana, Alberto	Managing Director, Catalyst Technologies Johnson Matthey PLC
Håkansson, Nadja	CEO thyssenkrupp Uhde GmbH
Hecking, Harald Dr.	Head of Innovation Uniper SE
Hiller, Waldemar	Head of Product Management & Sales Uhde High Pressure Technologies GmbH
Kammel, Matthias	Managing Director Carbon2Chem GmbH thyssenkrupp Decarbon Technologies
Kleinschmidt, Ralph Dr.	Head of Technology & Innovation thyssenkrupp Uhde GmbH
Köster, Dirk Dr.	Head of Phosphates & Sulphates Technologies thyssenkrupp Uhde GmbH
López, Miguel	CEO thyssenkrupp AG
Löscher, Lucretia	COO thyssenkrupp Uhde GmbH
Merriott, Jack	Senior Manager Argus Media Ltd.
Mühlbauer, Udo	Head of Research & Development Uhde Inventa-Fischer GmbH
Müller-Rinke, Sven Dr.	Head of Contract Management & Subcontracting thyssenkrupp Uhde GmbH
Myland, Christian	CEO thyssenkrupp Polysius GmbH
Nazikkol, Cetin Dr.	CSO thyssenkrupp Decarbon Technologies
Necker, Armin	CTO thyssenkrupp rothe erde Germany GmbH
Nölker, Klaus Dr.	Head of Process Department Fertilizer & Methanol thyssenkrupp Uhde GmbH
Ponikwar, Werner Dr.	CEO thyssenkrupp nucera KGaA
Poppe, Alexander	Head of Service Petrochemical & Polymers thyssenkrupp Uhde GmbH

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Confirmed speakers (in alphabetical order)

Potthoff, Matthias Dr.	Managing Director thyssenkrupp Fertilizer Technology GmbH
Radtke, Karsten	Global Head of Business Development, Sales & Strategy thyssenkrupp Uhde GmbH
Renk, Christian Dr.	Head of Technology, Innovation & Sustainability - Fertilizer thyssenkrupp Uhde GmbH
Schmitt, Carsten Dr.	Head of Innovation Center thyssenkrupp nucera KGaA
Schulz, Alexander Dr.	Head of Process Methanol thyssenkrupp Uhde GmbH
Streich, Thomas Dr.	Global Head of Green Technologies/ Decarbonization Portfolio thyssenkrupp Uhde Engineering Services GmbH
Völker, Günter Dr.	Head of Service & Operation - Fertilizer & Methanol thyssenkrupp Uhde GmbH
von Morstein, Olaf Dr.	Senior Process Engineer Coke Plant Technologies thyssenkrupp Uhde GmbH
Weddige, Hans-Jörn Dr.	Head of Cluster Climate Funds Strategy – Center of Decarbonization thyssenkrupp Steel Europe AG
Wenzel, Sascha Dr.	Head of Asset Management & Digital Products thyssenkrupp Uhde GmbH
Willms, Eike	Head of g2g development thyssenkrupp Polysius GmbH