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VENUE

The conference will take place at

Friedrich-Alexander-Universität Erlangen-Nürnberg
Lecture Halls H7 and H9
Erwin-Rommel-Straße 60
91058 Erlangen

ORGANISER

DECHEMA e.V.
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Organised by DECHEMA e.V., the conference is hosted by the Institute of Separation Science and Technology (TVT) and the Erlangen Center for Interface Research and Catalysis (ECRC).

Bild: FAU/Georg Pöhlein



PROGRAMME

26 - 28 February 2025

Friedrich-Alexander-Universität Erlangen-Nürnberg

**36. Deutsche Zeolith-Tagung
together with Jahrestreffen
Adsorption**

www.dechema.de/dzt36



Wednesday, 26 February 2025

08:30	WORKSHOP	
	Introduction to nanotomography techniques for the scale-bridging 3D characterization of micro-, meso- and macroporous structures <i>Dr. Benjamin Apeleo-Zubiri; Friedrich-Alexander Universität (FAU) Erlangen-Nürnberg</i>	
	Physisorption Characterization <i>Dr. Rémy Guillet-Nicolas; CS - ENSICAEN, CNRS</i>	
	Solid-state NMR spectroscopy – a toolbox for materials chemistry <i>Dr. Jan Blahut; Czech Academic of Sciences</i>	
12:00	Registration	
13:00	Welcome	
13:10	PLENARY LECTURE Navigating the Boundaries between Fundamental and Applied Research in Zeolite Catalysis <i>Jeffrey Rimer</i>	
	ZEOLITES	SEPARATION PROCESSES I
13:55	Gleb Ivanushkin	Anna-Maria Heidrich
14:15	Tovin Omojola	Julian Steinhaus
14:35	Maciej Grzywa	Federico Brandani
14:55	Coffee break	
15:25	PLENARY LECTURE Synthesis-Structure-Performance characteristics of Carbon Molecular Sieves <i>Aleksandra Marcinek</i>	
	COFS	NOVEL CARBONS AND APPLICATIONS
16:10	Darosch Asgari	Marius Hermesdorf
16:30	Ignacio Muñoz Alonso	Jonas Krug von Nidda
16:50	Jenny Schneider	Jan Hojak
17:15	PLENARY LECTURE Three interfaces and an electron - Cathode Design for Metal-Air Batteries <i>Desirée Leistenschneider</i>	
18:00	General Meeting DECHEMA-Fachgruppe Adsorption	
18:00	Posterparty	

Thursday, 27 February 2025

08:45	PLENARY LECTURE Coupling Adsorption and Mechanical Properties of Flexible Nanoporous Materials <i>Alexander Neimark</i>	
	ADSORBENT PROPERTIES	PHYSISORPTION CHARACTERIZATION METHODS
09:30	Dennis Neu	Elisabeth Turrini
09:50	Stefano Brandani	Jürgen Adolphs
10:10	Stefan Kaskel	Sebastian Ehrling
10:30	Coffee break	
	MOFS I	NANOPOROUS SILICA
11:00	Kenichi Endo	Eva Aline Trommer
11:20	Valeryia Kasneryk	Felicita Schmitt
11:40	Kavosh Karami	Claudia Iriarte-Mesa
12:00	Ayisha Komal	Jakob Söllner
12:20	Lunch break	
13:20	GEORGE KOKOTAILO AWARD LECTURE Iron-containing Zeolite Catalysts for the Oxidative Dehydrogenation of Bioethanol to Acetaldehyde <i>Valeria Lang</i>	
	ADVANCED SPECTROSCOPIC CHARACTERIZATION	SUSTAINABLE ENERGY APPLICATIONS
13:55	Richard Engemann	Atheer Saad Hashim
14:15	Abdurrahman Bilican	Connor Hewson
14:35	Rodrigo Gil San Millan	Darren Broom
14:55	Jonas Blaser	Aljaž Škrjanc
15:15	Torsten Gutmann	Theodore Steriotis
15:35	Coffee break	
16:05	PLENARY LECTURE Catalysis beyond the active site <i>Constanze N. Neumann</i>	
	CATALYSIS	ADSORPTION APPLICATIONS
16:50	Kai Hetze	Henri Schmit
17:10	Martin Sahul	Benoit Coasne
17:30	Majid Al-Naji	Christina Krekel
17:55	General Meeting DECHEMA-Fachgruppe Zeolithe	
19:30	Conference Dinner	

Friday, 28 February 2025

09:00	PLENARY LECTURE Quantifying and exploiting the connection between adsorption isotherms and characteristic features of breakthrough curves <i>Andreas Seidel-Morgenstern</i>	
	MOFS II	SEPARATION PROCESSES II
09:45	Zhenyu Zhao	Malte Menk
10:05	Kristina Gjorgjevikj	Gabriel Salazar Duarte
10:25	Lukas Steinbach	Malte Kaspereit
10:45	Coffee break	
	DATA EVALUATION AND HANDLING	
11:15	Gaia Chiari	
11:35	Manuel Tsotsalas	
11:55	Concluding Remarks & Poster awards	