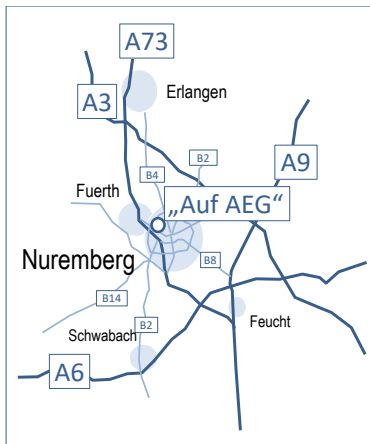
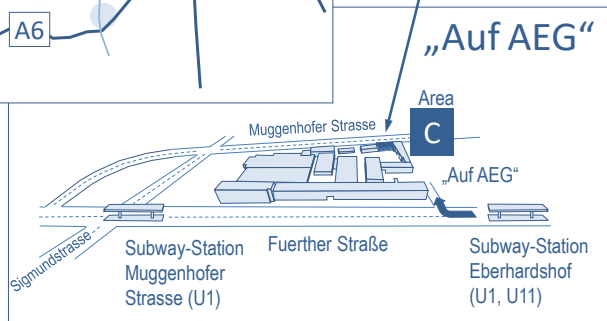


Venue and Directions

Lehrstuhl für Energieverfahrenstechnik
Fürther Straße 244f
90429 Nürnberg



Chair of Energy Process
Engineering
Friedrich Alexander University
Erlangen-Nuremberg
Fürther Str. 244f
90429 Nürnberg



Hotels and Accommodation

We kindly recommend these hotels offering a good connection to the conference location "Auf AEG"

Best Western Hotel Nürnberg City West

Regerstr. 6, 90429 Nürnberg, Tel. +49 911 21750
www.nuernberg-citywest.bestwestern.de
(in walking distance)

Derag Living Hotel Nürnberg

Obere Kanalstr. 11, 90429 Nürnberg, Tel. +49 911 92950
<https://www.deraghotels.de/hotel-nuernberg/>
(three subway stations to conference location at AEG)

Hotel Prinzregent

Prinzregentenufer 11, 90489 Nürnberg, Tel. +49 911 588188
<http://www.prinzregent.net/>
(close to main station, 10 min with subway to AEG)

Registration

Please register until **Friday, May 12th 2023** by Fax
(+49 911 5302 9030) or preferably via www.evt.tf.fau.eu.

Name _____

Title _____

Company/
Organization _____

Address _____

ZIP, Town _____

Country _____

Telephone _____

Email _____

I will participate in

- Methanation Workshop on Thursday, June 1st
- Methanation Workshop on Friday, June 2nd
- Dinner on Thursday, June 1st
- Guided tour before Dinner, June 1st
- I plan to give a presentation during the "Open Session"

Registration fees

Early bird registration (deadline February 28 th 2023)	280 €
Regular (after March 1 st 2023)	380 €
Students, B. Sc. and M. Sc. level only	60 €

I am Student Invited Speaker

The registration fee includes coffee/lunch breaks, dinner, and sightseeing tour. Presentations will be made available online after the workshop. Contact:

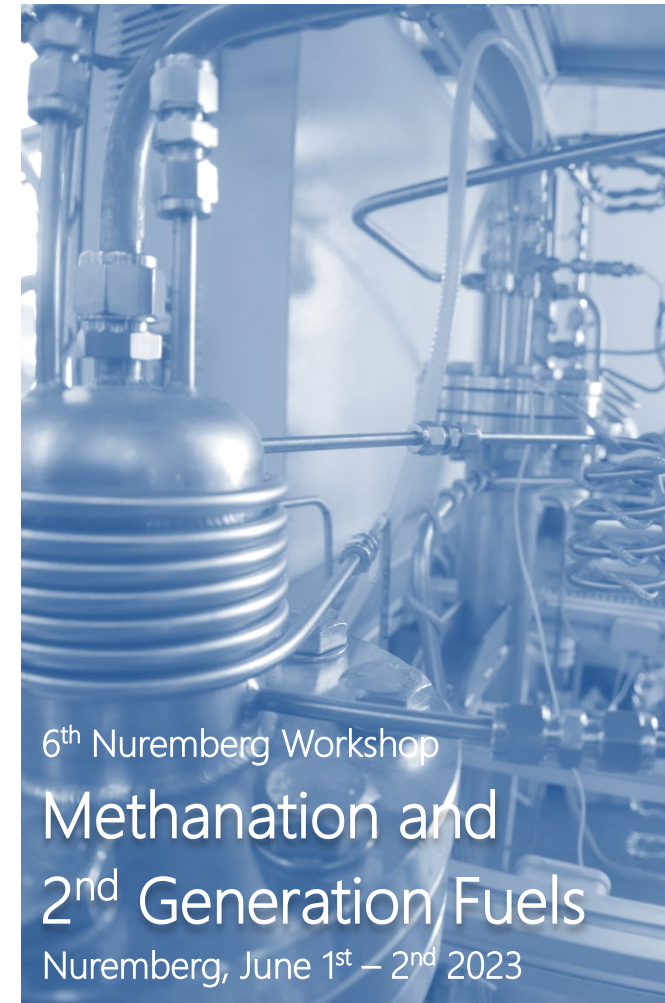
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Friedrich-Alexander-Universität
Erlangen-Nürnberg
TECHNISCHE FAKULTÄT

Invitation to the



Chair of Energy Process Engineering
Friedrich-Alexander University Erlangen-Nuremberg



About this Workshop

Dear Colleagues,

When we met for our first Workshop on "Methanation and Second Generation fuels" ten years ago no one expected the severe relevance that the generation of renewable and synthetic gases would have today. Fossil gas prices are rising to heights never seen before, and the security of fossil gas supplies to Europe and Asia is setting the political agenda. It's out of question that renewable gases must and will replace fossil natural gas, soon. But it's unclear whether green hydrogen, green methane or other renewable gases will dominate the supply of gas-fired power plants, heavy-duty and marine transport and the chemical industry. An open technology discussion of all alternatives is more important than ever.

The workshop's first day will address Europe's situation and upcoming GreenLNG markets. Which alternatives do we have for our gas supply. Where will CO₂ for the synthesis come from? The second day will present latest advances on research and industrial applications of biological and catalytic methanation. Again, we appreciate your interest and kindly encourage you to present your latest news in the *Open Session*.

With an abundance of new projects and exciting developments around the world, we are confident that the discussions raised during the event will further spark your interest.

We are glad to announce the 6th workshop of this series and to welcome the renowned key researchers, companies and research groups from all over Europe and beyond. We are looking forward to meeting you live and in person at the Energy Campus in Nuremberg, again!



Prof. Dr.-Ing. Jürgen Karl



Prof. Dr. Katharina Herkendell

Chair of Energy Process Engineering
Friedrich-Alexander University Erlangen-Nuremberg

Thursday, June 1st 2023

1. Session: Methane for Europe

9:30	Registration	
10:00	Welcome address	J. Karl, FAU Erlangen-Nürnberg, Germany
10:15	Keynote: "Industry without natural gas - (how) is it possible?"	T. Kolb, KIT, Germany
11:00	"Quo vadis Gas? - Between crisis management and transformation"	M. Noack, BDEW, Germany
11:30	GreenLNG for mobility – The EU project CarbonNeutralLNG	P. Treiber, FAU Erlangen-Nürnberg, Germany

Lunch break

Open Session (Session Chair: K. Herkendell, FAU)

13:30	Latest news from the audience	
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2. Session: Green Carbon Sources

14:30	Carbon neutral, yes or not - the CO ₂ balance of biomass as carbon source for Green fuels	D. Thrän, DBFZ, Germany
<i>Coffee break - Slideshow</i>		
15:30	ANDRITZ Carbon Capture plant at Rohrdorfer's cement mill	M. Koller, Andritz, Austria
16:00	"Advanced biomethane production: Insights into ENGIE Lab CRIGEN's Innovative technologies"	G. Bouteau, ENGIE, France
16:30	Green Carbon fuels from Residues	M. Kuba, BEST, Austria

Guided Sightseeing Tour and
Conference Dinner

Friday, June 2nd 2023

3. Session: Innovation in Biological and Catalytic Synthesis

9:00	Latest developments of HZI methanation reactors (plate type catalytic reactor and biological methanation)	E. Moioli, Hitachi Zosen Inova AG, Switzerland
09:30	Implementing a genetic toolbox for biomethanation and beyond	B. Molitor, University of Tübingen, Germany
<i>Coffee break - Slideshow</i>		
10:30	Methanation Pilot Plant with a Slurry Bubble Column Reactor	S. Sauerschell, KIT, Germany
11:00	Hydrogen Carrier Methanol & Derivates	P. Schühle, FAU Erlangen-Nürnberg, Germany

Lunch break - Slideshow

4. Session: Industrial Applications

13:00	Overview of the renewable gas potential and markets from France to Europe	E. Goudal, GRDF, France
13:30	"Finland's first industrial-scale renewable methane production – the Harjavalta project."	A. Alitalo, QPower, Finland
<i>Coffee break</i>		
15:00	Methanation – industrial concept at voestalpine	N. Kieberger, voestalpine Stahl GmbH & I. Kofler, K1-MET
15:30	Klaipėdos Nafta - Insights from an operator on the current role of LNG terminals	J. Šilinskaitė-Vensloviene, Klaipėdos Nafta, Lithuania
16:00	Summary and conclusions	J. Karl, FAU Erlangen-Nürnberg, Germany