



BEST WIMI NETWORK

Energy for Economy and Society

May, June 2024



BEST is an association of professors from the University of Bremen. The goal is to create a scientific focus under the motto "**Energy for Economy and Society**" through the cooperation of internal expertise as well as the intensification of collaborations with industry, universities, and research institutions in Bremen, the state of Bremen, and the region

HIGHLIGHTS

>>> RECENT EVENT HIGHLIGHTS

BEST Exclusive Tour of SWB
Müllheizkraftwerk (MHKW)

>>> COMMUNITY ENGAGEMENT

- Encouraging active engagement within the community
- Emphasizing the value of shared knowledge and collaboration

>>> UPCOMING EVENTS

- Highlight Upcoming events
- Opportunities for knowledge enrichment and professional network growth

BEST EXCLUSIVE TOUR OF SWB MÜLLHEIZKRAFTWERK (MHKW)

1

On May 28th, 2024, the BEST WiMi team had an exclusive and highly informative tour of the swb AG Müllheizkraftwerk (MHKW) in Bremen. This experience gave us a deeper understanding of sustainable waste management and energy production. We extend our heartfelt thanks to swb AG for their warm hospitality and for offering us an inspiring glimpse into sustainable waste management. Special thanks to **Felix Mahn** and the SWB team for their comprehensive presentation and tour, which highlighted the innovative processes of converting waste into district heating and electricity.

EXCITING TOUR RECAP!!!!

**BEST WiMi Team's
Insightful Visit to swb AG
Müllheizkraftwerk (MHKW)**

We also want to express our gratitude to everyone who participated. Your enthusiasm made the experience truly enriching. Our day was concluded with a reflective and enjoyable lunch at the University Mensa, allowing us to share insights and foster valuable connections.

We eagerly anticipate more educational and inspiring events together!





DISCOVERING SUSTAINABLE SOLUTIONS



Interactive Presentation



Guided Tour



Technological Insights



Q&A Session



Networking Lunch

Felix Mahn kicked things off with a dynamic and interactive presentation, keeping us engaged with insights into the MHKW operations and the significance of sustainable waste management. His engaging approach set the perfect tone for the day.

2

Exploring 'Waste-to-Energy Solutions'

A Guided Facility Tour was Led by the knowledgeable SWB team, we toured the Müllheizkraftwerk facility, witnessing firsthand how Bremen's leftover waste is efficiently transformed into valuable district heating and electricity. The process of waste incineration and energy recovery was fascinating to observe up close.



Technological Insights

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The tour offered in-depth explanations of the advanced technologies and processes used in the facility, such as the waste sorting mechanisms, incineration techniques, and the conversion of heat into energy. We learned about the environmental benefits and efficiency of these systems.

3

Q&A Session

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Throughout the tour, we had the opportunity to ask questions and engage in discussions with the SWB team, gaining a deeper understanding of the challenges and innovations in waste-to-energy conversion



>>> ICGET 2024



From > July 21, 2024

To > July 23, 2024

Location > Berlin, Germany

The 9th International Conference on Green Energy Technologies is to be held on July 21-23, 2024 in Berlin, Germany. ICGET serves to foster communication among researchers and practitioners working in a wide variety of scientific areas with a common interest. The conference is also an excellent forum for scientists, and engineers throughout the world to present and discuss the latest technological advancements as well as future directions and trends in the field. The conference has been held in various cities including Frankfurt, Rome, Amsterdam, Kuala Lumpur, etc., Click [here](#) for details.

GEE ENERGY@LUNCH <<<

GESELLSCHAFT für
ENERGIEWISSENSCHAFT
und ENERGIEPOLITIK e.V.



The discussion will be held live online via Zoom.

- Forum for monthly Energy Discussion rounds (Online).
- GEE Webinar during the lunch break with well-known guests.

Click [here](#) for more details.

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>>> STROMMARKTTREFFEN-ONLINE

Strommarkttreffen is an open and free-of-charge network of energy professionals in academia, policy, industry, and nonprofits. We are interested in electricity markets, energy policy, and power systems. We have more than 4000 members working at universities and research institutes, for ministries and regulators, with network operators and utilities, and associations and consulting firms. This platform fosters exchange to make research more policy-relevant and policy more science-based. See the members list. The Electricity Market Meeting Online is an open digital format. There is no curated program, but the speakers choose the topic and time themselves. If you would like to give a talk, please refer to the operating instructions.

All meetings are open and free! For more Information visit [here](#) .



>>> ECCE EUROPE



From > Sept 2, 2024

To > Sept 6, 2024

Location > Darmstadt -
Germany

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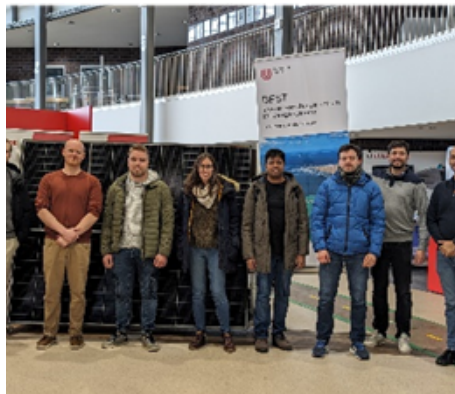
The ECCE series of power electronics conferences are among the largest in the world, and ECCE Europe claims to become the flagship conference in Europe for power electronics, attracting many hundred experts from Europe and other regions of the world. ECCE Europe 2024 is aimed at exchanging ideas and experience among senior professionals, young scientists, PhD candidates, and researchers from industry and academia in all areas of power electronics.

The new ECCE Europe Energy Conversion Congress & Expo

Commencing in 2024, IEEE PELS is embarking on a new collaboration with the European Center for Power Electronics (ECPE) for the PELS flagship conference in Europe: IEEE ECCE Europe 2024. The conference will take place at the Darmstadtium in Darmstadt, Germany.

Click [here](#) for details.

Community Engagement



Strengthening Connections with BEST WiMi Tours



At BEST, we're committed to enriching our community through engaging tours and events with our BEST WiMIs. These experiences enhance our knowledge, foster connections, and provide networking opportunities.

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*Seeking Expertise or Collaboration?
 Are you looking for expertise in a different
 field, interested in pursuing an
 interdisciplinary Master's or Bachelor's
 thesis, or open to hosting a visit to your
 institute? We'd love to connect and explore
 collaboration opportunities! If you have ideas
 or would like to engage with us, please reach
 out. Let's work together to create impactful
 and innovative experiences!*



CONNECT AND FOLLOW

We're excited to invite you to join our WhatsApp group! This platform offers a more casual and frequent channel for interactions, enhancing our traditional email newsletter. We look forward to connecting with you in this dynamic space.



Scan this QR-Code to join

You are most welcome to join us for our monthly core group lunch every third Thursday from 12 to 1 pm at the University Mensa. We gather in a relaxed atmosphere to discuss upcoming BEST planning and events, sharing ideas on increasing participation and engagement. If you have exciting developments at your lab or workplace to share or offers to explore, we welcome your input and enthusiasm.

Follow Us on LinkedIn and Instagram for regular Updates



Follow our [BEST Website](#) for more update.

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