

## NEWSletter

April, 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.

## WiMi Network



### HIGHLIGHTS

#### ✓ Recent Events Highlights:

- Key highlights from Smart Grid Lab tour

#### ✓ Upcoming Events:

- Highlighting upcoming events
- Opportunities for knowledge enrichment and professional network growth

#### ✓ Community Engagement:

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

# BEST WiMi - SMART GRID LAB VISIT

## 17th April 2024

We are delighted to share with you the resounding success of our recent event at the Smart Grid Lab, hosted by IAT! It was truly a day to remember, filled with inspiring moments and valuable insights.



The exclusive Smart Grid Lab tour held on April 17th, 2024, exceeded all expectations, drawing enthusiastic participation from a diverse group of attendees. As we embarked on this journey through the forefront of energy research, we were thrilled to witness the convergence of theory and practice in action. The Smart Grid Lab serves as a platform for collaboration and innovation, bringing together researchers, industry partners, and stakeholders to explore sustainable energy solutions. Through their work, they seek to contribute to the transition towards a cleaner, greener energy landscape, addressing societal needs while considering the economic and environmental implications of their research.

The lab tour itself was a testament to the innovative spirit that drives our work at IAT.

From cutting-edge experiments to ground-breaking prototypes, every corner of the lab showcased the dedication and ingenuity of our team.

Attendees had the opportunity to witness first-hand the transformative potential of smart grid technology and its impact on shaping the future of energy sustainability. Highlights of the day included a captivating presentation by Prof. Dr. Johanna Myrzik, whose expertise shed light on the latest advancements in the field. Attendees were captivated by the depth of knowledge shared and were eager to engage in thought-provoking discussions.



At the Smart Grid Lab, Prof. Myrzik leads a team of dedicated researchers who are focused on developing innovative strategies for a sustainable, efficient, and resilient energy supply. Their goal is ambitious yet crucial: to transition towards a future where energy is sourced entirely from renewable sources.

***'Exploring Sustainable Energy Solutions:  
The Smart Grid Lab at the University of Bremen'***

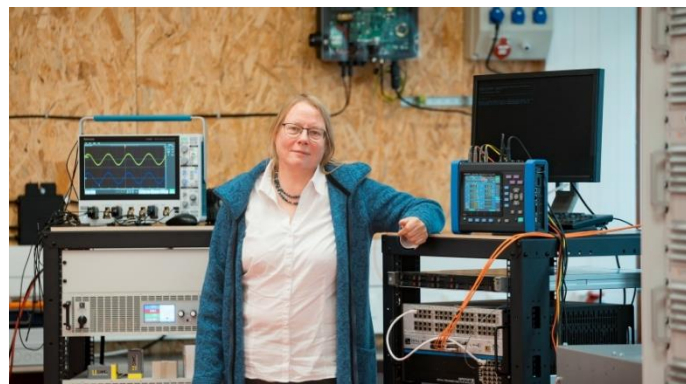


**Prof. Dr.-Ing. Johanna Myrzik** is the Head of the [Institute for Automation Technology\(IAT\)](#) at the University of Bremen. With a remarkable career dedicated to advancing sustainable energy solutions, she has emerged as a leading figure in the field of smart grid technology.

At the Smart Grid Lab, Prof. Myrzik leads a team of dedicated researchers who are focused on developing innovative strategies for a sustainable, efficient, and resilient energy supply. Their goal is ambitious yet crucial: to transition towards a future where energy is sourced entirely from renewable sources. Under Prof. Myrzik's leadership, the lab has become a hub of innovation and collaboration. Through hands-on experimentation and cutting-edge research, they are paving the way for a cleaner, greener energy landscape. By harnessing the power of smart grid technology, they aim to optimize energy distribution, minimize waste, and maximize the use of renewable resources.

What sets Prof. Myrzik apart is not only her technical expertise but also her unwavering commitment to addressing real-world challenges. She understands the importance of interdisciplinary collaboration and actively seeks partnerships with industry, academia, and government agencies to drive meaningful change. Moreover, Prof. Myrzik is not just a scientist; she is also a passionate advocate for science communication and public engagement. Through initiatives such as public lectures, workshops, and outreach programs, she strives to raise awareness about the importance of sustainable energy and inspire the next generation of innovators.

As we delve deeper into the insights from Prof. Dr.-Ing. Johanna Myrzik, it becomes evident that her work transcends academic boundaries. It is a testament to the power of collaboration, innovation, and dedication in shaping a more sustainable future for generations to come.



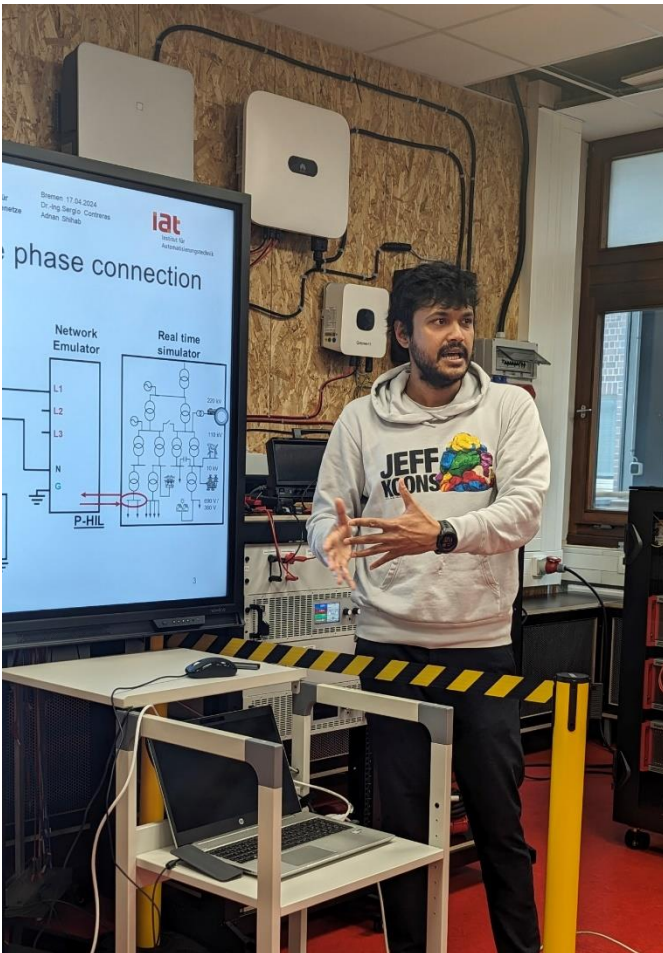
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For those interested in learning more about Prof. Myrzik's pioneering work and the groundbreaking research happening at the Smart Grid Lab, we invite you to read the full article [here](#).

We are also immensely grateful for the invaluable contribution of MSc. Mohammad Adnan Shihab, who graciously facilitated the tour at the lab, providing insightful commentary and ensuring that every attendee gained a comprehensive understanding of our research endeavors. His expertise and dedication were instrumental in making the event a truly enriching experience for all. We extend our heartfelt thanks to MSc. Mohammad Adnan Shihab for his invaluable support and commitment to advancing the field of energy research.

The event was also a platform for fostering meaningful connections and collaborations. Over lunch at the cafeteria, attendees engaged in lively conversations, exchanging ideas and forging new partnerships that promise to propel our collective efforts forward.

The exclusive Smart Grid Lab tour exceeded all expectations, drawing enthusiastic participation from a diverse group of attendees.



As we embarked on this journey through the forefront of energy research, we were thrilled to witness the convergence of theory and practice in action. We extend our heartfelt gratitude to all who joined us on this journey and contributed to making the event a resounding success. Your enthusiasm and support are truly appreciated and serve as a driving force behind our continued pursuit of excellence.

As we look ahead, we remain committed to pushing the boundaries of innovation and driving positive change in the field of energy research.



Your participation and engagement during our recent tour of the Smart Grid Lab were invaluable. The insightful discussions and shared enthusiasm truly made the event a success. We extend our heartfelt gratitude to each and every one of you for taking the time to join us. As we reflect on the tour's achievements, we are inspired by the potential for future collaboration and innovation. Together, we have laid the groundwork for meaningful partnerships and impactful projects in the realm of sustainable energy. Looking ahead, we are excited about the possibilities that lie before us. By working together, we can harness the power of smart grid technology to address pressing environmental challenges and pave the way for a brighter, more sustainable future. Once again, thank you for your continued support and commitment. Let's continue to collaborate, innovate, and make a difference together.



## Netzverknüpfungspunkte und die Erneuerbaren


Join this event for an insightful event organized by BEE and VKU, where you'll explore solutions to the challenges faced by renewable energy providers in connecting new projects to grid connection points (NVPs). Discover the findings of a new BEE study on shared NVP usage, aiming to streamline connections for various renewable energy sources. Engage with industry experts and policymakers to discuss the advantages of this innovative concept and address audience questions.

**This event is free of charge!!**



**Date:** Wed, May 15, 2024

**Time:** 12:00 - 1:30 p.m

**Venue:** Ludwig Erhard House, Fasanenstrasse 85  
10623 Berlin 

Registration link [here](#).



## ENERGY DAYS 2024: Solutions for the energy transition in Germany

ENERGY DAYS - The flagship event of the energy transition in Germany. By far the largest congress in the energy and climate protection sector in German-speaking countries has been discussing current political decisions, technical innovations and a wide range of practical aspects since 2000. Every year, the ENERGIETAGE brings together more than 100 co-organizers and around 500 speakers under one roof. Although the event has passed, you can still catch up on the highlights by checking out the presentations that were uploaded to the Berliner ENERGIETAGE YouTube channel. Simply click [here](#) to access the videos and delve into the insightful discussions.




## ESG Academy 2024 Sustainable knowledge – from practice for practice



**Program:** Free 6 Online Sessions

Details [here](#).

 **Engineering a Net Zero Future- The meeting place for the renewable and low carbon energy community**

All-Energy takes pride in being the UK's largest low carbon energy and full supply chain renewables event; while the co-located Dcarbonise is aimed at private and public sector energy end users. All-Energy offers an opportunity to meet, network and make connections with the renewable energy community with two days of uninterrupted business.

**Date:** 15-16 May 2024

**Time:** 12:00 - 1:30 p.m

**Venue:** SEC, Glasgow

Registration link [here](#).



 **BEE SOMMERFEST 2024**

The BEE Summer Festival shines a spotlight on renewable energy, bringing together industry leaders, policymakers, and stakeholders to discuss the pivotal role of renewables in shaping our energy future. With top-notch speakers and panel discussions, the festival provides a platform for showcasing the latest innovations, trends, and opportunities in the renewable energy sector. It fosters dialogue and collaboration to accelerate the transition towards a sustainable and green energy landscape.

**Date:** July 3, 2024

**Location:** Spindler & Klatt, Berlin

Details [here](#).



## INTERNATIONAL RECEPTION FOR RESEARCHERS



© Matej Meza, University of Bremen

**Event:** Annual Reception for International Researchers

**Host:** U Bremen Research Alliance Welcome Center

**Date:** September 10, 2024

**Time:** 17:00 - 21:00

**Details:** Join this event for a vibrant evening filled with diverse activities, delicious food, and warm welcomes! Families are encouraged to attend. Stay tuned for the detailed program closer to the event date. For more details visit [here](#).





We're delighted to announce the remarkable achievement of MSc. Tom Warendorf, a valued Wissenschaftlicher Mitarbeiter, who recently presented his insightful research at the Workshop of the Student Chapter of the GEE. Tom's presentation explored the "Impact of Governance Measures on Industrial Prosumers' Battery Storage Investments and Energy Management," providing invaluable insights into this pivotal aspect of energy science and policy. His contribution underscored the depth of knowledge and expertise within our community, fostering enriching interdisciplinary discussions and collaborations. Congratulations to Tom on this noteworthy accomplishment!

For more details, check out the [LinkedIn post](#).





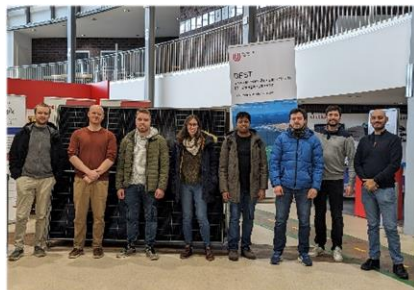
## GREEN & SMART - INNOVATION TALKS

We're thrilled to announce that **Malin Lachmann**, one of our esteemed WiMi colleagues, recently delivered a captivating keynote speech at the **'Green & Smart - Innovation Talks.'** Click here for more details on her inspiring presentation. We are incredibly proud of Malin and her impactful contribution to the event.

[Click here](#) for more details.



## Call for contribution for the BEST WiMi Website



We're thrilled to unveil a dedicated section on our [BEST website](#) exclusively for our WiMi (Wissenschaftliche Mitarbeiter) community. This space is designed to honor the achievements, successes, and contributions of our WiMi members. We warmly invite all WiMi members to share their successes, milestones, or any noteworthy updates to be showcased in this section. Your accomplishments serve as inspiration and empowerment for us all, and we eagerly anticipate highlighting your achievements. Let's celebrate the remarkable successes of our WiMi community together!



## 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

Follow Us on LinkedIn and Instagram for regular Updates!



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 how to increase 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.



[www.uni-bremen.de/best](http://www.uni-bremen.de/best)



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