

Celebrating 250 years of Energy Research at Clausthal University of Technology – For those who aim higher!

International Faculty Exchange Week for PostDocs in the field of Energy Research

We are happy to announce and welcome you to our International Faculty Exchange Week for PostDocs in the field of Energy Research at Clausthal University of Technology (TUC)!

2025 is a special year for our university: 250 years ago, in 1775, we began our journey as a mining school closely related to sustainable energy solutions - a place for personal and academic growth, for curiosity as much as for international exchange. Nowadays, TUC is known for excellence in energy research such as production of green hydrogen and underground storage, electrochemical energy storage and sector coupling, offering close contact to scientific leaders and superb research infrastructures.

Do you want to foster your scientific career by international mobility? Build up a network with scientific talents from all over the world? Get in direct touch with scientific leaders from TUC in your field and discuss possible joint research projects? Learn about the multiple research facilities at TUC? Discuss funding opportunities for joint projects face-to-face with experts from the Research Service and the PostDoc Office?

In the spirit of sharing and building long lasting networks, the International Center Clausthal and the research field Sustainable Energy Systems warmly invite you to the first International Faculty Exchange Week from May 19-23, 2025. Over the course of these five days, we would like to give you a glimpse into our research in distribution, conversion and storage of electrical, thermal, chemical and mechanical energy as well as the services and support we provide for young scientists.

We have scheduled, workshops, lab visits, discussions, lectures and excursions to give you a well-rounded overview of our small, yet very innovative University of Technology. There will be enough time for individual talks and lectures at working groups matching your respective field of research. Get to know Germany's most northern mountain region the Harz Mountains, and enjoy the surrounding UNESCO World Cultural Heritage Sites.

Apply now, as places are limited to max. 12 scientists! Therefore, please fill out the [registration form](#) and submit it at the latest by March 31st, 2025.

As soon as your participation in our International Faculty Exchange Week is confirmed you can start to organize travel arrangements. Accommodation and travel expenses in general can be funded via Erasmus+ grants from your home institution.





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International Faculty Exchange Week 2025 / May 19 – May 23, 2025 / International Center Clausthal

Energy Research at TU Clausthal - For those who aim higher!
The 1st International Faculty Exchange Week at Clausthal University of Technology

Monday, May 19	Tuesday, May 20	Wednesday, May 21	Thursday, May 22	Friday, May 23
8:45 – 9:45 Beginn and Registration	8:30 – 9:30 Yes you can – Learn German Quickly Dr. Jörg SCHRÖDER Lecturer for German as a Foreign Language	8:30 – 9:30 Clausthal Graduate Academy – Services for PostDocs, Career Paths Caroline MAAS PostDoc Office	9:00 – 9:30 Services of the International Center Clausthal Astrid ABEL Director International Center Clausthal	8:30 - 10:00 Wrap-Up Breakfast & Certificates Hotel Goldene Krone
9:45 – 10:15 Welcome Address & Group Photo Prof. Dr. Heike SCHENK-MATHES Vice President for Equal Opportunity, International Affairs and Young Academics Prof. Dr.-Ing. Joachim DEUBENER Vice President for Research and Transfer	9:30 – 10:30 Research Opportunities in Energy Technology and Process Engineering Prof. Dr.-Ing. Jens BREMER Chair of Chemical Energy Storage	9:30 – 10:30 Clausthal Research Service – Funding Opportunities for PostDocs (Incoming Mobilities) – Part I Dr.-Ing. Heike SCHRÖDER, Marc MUSTER Research Service	9:30 – 10:30 International Mobility – A Stepstone for your scientific Career – A discussion	10:00 – 12:00 Optional: Individual Talks and Lectures
10:15 – 10:45 Welcome and Introduction Astrid ABEL Director International Center Clausthal Dr.-Ing. Heike SCHRÖDER Research Service	10:30-10:45 Coffee Break 10:45 - 12:00 Visits to Institutes/Labs ICVT: Institute of Chemical and Electrochemical Process Engineering IEVB: Institute of Energy Process Engineering and Fuel Technology IEE: Institute of Electrical Power Engineering and Energy Systems ITE: Institute of Subsurface Energy Systems	10:30 – 10:45 Coffee Break 10:45 – 11:45 Clausthal Research Service – Funding Opportunities for PostDocs (Incoming Mobilities) – Part II Dr.-Ing. Heike SCHRÖDER Marc MUSTER Research Service 12:19 - 12:45 Bus to Goslar	10:30 – 10:45 Coffee Break 10:45 – 11:45 Why I chose TUC as a Humboldt Research Fellow Dr. Luis Fernando ARENAS University of Southampton 12:00 – 13:45 Lunch at Ju Bin Lou (Chinese Restaurant, Buffet Lunch) By invitation of the IZC	12:00 – 13:00 Free Time/Departure 13:00 Go Underground! Experience a World Heritage Site from below Warm clothing recommended (optional)
10:45 -12:30 Campus Tour				





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<p>12:30 – 15:30 Introduction of participating faculty and their home universities Incl. international culinary delights – <i>participating colleagues please bring some typical food or drinks from your respective home country.</i></p> <p>15:30 – 17:30 Free time</p>	<p>12:30 – 13:45 Joint Lunch at Students' Canteen with Clausthal Faculty Own expenses</p> <p>14:00 – 17:00 Individual Talks & Lectures, Scientific presentations</p>	<p>13:00 Finger Food and Guided Tour at the Research Center Energy Storage Technologies - EST Dr.-Ing. Marina BECKER Dr.-Ing. Maik BECKER Dr.-Ing. Ralf BENDER Dr. rer. nat. Thomas GIMPEL</p> <p>15:00 – 16:30 Guided Tour through the UNESCO World Heritage Site Goslar</p>	<p>14:00 – 17:00 Individual Talks and Lectures, Scientific presentations</p>	<p>Program subject to change. Last update: February 2025</p>
<p>17:30 Welcome Dinner By invitation of the Vice President</p>		<p>16:30 – Open End Free Time</p>		





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Overall objectives of the mobility	The mobility initiative aims to establish international networks in energy research, fostering collaboration at both personal and institutional levels. By facilitating matchmaking between PostDocs and TU Clausthal working groups, we will uncover shared research interests and identify funding opportunities, propelling the next phase of these emerging scientists' careers.
Added value of the mobility (in the context of the modernisation and internationalisation strategies of the institutions involved)	In alignment with the modernization and internationalization strategies of the participating institutions, this initiative serves as a catalyst for collaboration in energy research and scientific discovery. It encourages the dynamic exchange of ideas, best practices, and experiences, creating a rich tapestry of knowledge among peers from diverse backgrounds.
Activities to be carried out	Participants will engage in immersive networking and exchange experiences, exploring the cutting-edge research fields and state-of-the-art infrastructure of the TU Clausthal energy research department through lab visits. Individual meetings with scientific groups will provide opportunities for presenting lectures in their fields, while insights into the German science system and funding landscapes will equip them for future endeavors. Additionally, participants will have the chance to discover the UNESCO World Heritage site in Goslar and the scenic beauty of the Harz Mountains.
Expected outcomes and impact (e.g. on the professional development of the staff member and on both institutions)	This program aims to cultivate a global network of young professionals, setting the stage for collaborative follow-up application activities and enhancing awareness of funding opportunities for international mobility and career advancement. Participants will reflect on their academic trajectories, gain insights into TU Clausthal's research infrastructure, and explore supporting measures designed to launch their careers to new heights.
Target group	PostDocs in the field of energy research, who are interested in networking and international mobility to foster the academic career





1775 – 2025

TU Clausthal

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Hosting Higher Education Institution:	Clausthal University of Technology (TU Clausthal)
Institution Website International Center Clausthal:	www.izc.tu-clausthal.de/en
Country:	Germany
Working Language:	English (we recommend at least B2)
Dates:	Monday, 19 May, 2025 to Friday, 23 May 2025
Registration fee:	Free of charge
Number of participants:	12 (max.)
Maximum numbers of participants per university:	2
Target group:	PostDocs (ideally up to 5 years after PhD) active in energy and energy materials research, chemistry, materials science, electrical engineering, energy informatics as well as other relevant disciplines
Deadline for application:	March 31, 2025 (confirmation via email by April 10, 2025)

Accommodation:

Accommodation not provided.

In our mail of confirmation, we will include some recommendations for accommodation.

Contact Person

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