



Brandenburg  
University of Technology  
Cottbus - Senftenberg



ADAM MICKIEWICZ  
UNIVERSITY  
POZNAŃ



# FIT4FUTURE SUMMER SCHOOL 2024

## “Powering tomorrow: Doing research for a sustainable energy transition”

*Hybrid*



24 May, 7 June, 5 July 2024 (Online)  
9-13 September 2024 (On-site)



**FIT4FUTURE SUMMER  
SCHOOL 2024  
“Powering  
tomorrow: Doing  
research for a  
sustainable energy  
transition”**

The transition to sustainable energy is not just about replacing one form of energy with another, but also about reimagining and restructuring the very fabric of society. This makes it necessary to explore the complexity of sociotechnical energy systems and look for solutions that are not only clean, but also equitable and resilient. As the energy transition is not only a technological challenge, but also a social and political one, the Fit4Future Summer School 2024 will focus on the question of how the energy transition can be critically researched and holistically managed in a sustainable way . The summer school will focus on various topics related to understanding, assessing and designing a sustainable energy transition in an inter- and transdisciplinary framework.



24 May, 7 June, 5 July, 2024 (Online)

9-13 September, 2024 (On-site)

# AT A GLANCE



PhD Students  
Advanced Master and  
Bachelor Students



Hybrid



Registrations begin: 26 February at 09:00 (CET)

Registration deadline: 10 May at 23:59 (CET)



# METHODS & CERTIFICATES

## **Methods:**

The summer school builds and strengthens competences in the field of sustainable energy transition. It equips participants with the knowledge, skills and innovative approaches they need to address the challenges and opportunities in this critical field. It applies a hybrid (online + offline) and a flipped classroom approach where the materials (readings, videos) are provided to students in advance and the time spent together is used for course activities such as expert inputs, intensive group work, problem definition and solving applied to real-world cases, practical exercises and discussions.

## **Certificate:**

Participants who have attended all sessions in full will receive a certificate of completion along with 6 ECTS credits.

# OVERVIEW

## ONLINE EVENTS

Friday, May 24

**15:00 – 17:00**  
**(CET)**

**Kick-off**

Friday, June 07

**15:00 – 18:00**  
**(CET)**

**Module 1**  
**Energy transition,  
democracy and  
(de)growth**

Friday, July 05

**14:00 – 18:00**  
**(CET)**

**Module 2**  
**Renewable  
Energies Policies**

## ON-SITE EVENTS

Monday, September 09



**Module 3**  
**Perspectives on  
Evolving Energy  
Transitions**

Friday, September 13

**09:00 – 17:00**  
**(CET)**

Saturday, September 14

**09:00 – 17:00**  
**(CET)**

**Weekend writing  
retreat (optional)**

# 🕒 ONLINE SCHEDULE

	<b>Friday, May 24, 15:00 – 17:00 (CET)</b>	<b>Friday, June 7, 15:00 – 18:00 (CET)</b>	<b>Friday, July 5 15:00 – 18:00 (CET)</b>
<b>Topic</b>	<b>Kick-off Challenges of just energy transitions</b>	<b>Energy transition, democratisation and (de)growth</b>	<b>Policies for Decarbonisation and Energy Transitions – The case of Lusatia</b>
<b>Lecturer</b>	<a href="#">Prof. Dr. Melanie Jaeger- Erben</a> , BTU Cottbus	<a href="#">Dr. Jörg Radtke</a> , RIFS Potsdam	<a href="#">Prof. Dr. Bernd Hirschl</a> , BTU Cottbus & IÖW Berlin
<b>Literature to be prepared for the session:</b>	Wang, X.; Lo, K. (2021): Just transition: A conceptual review. Energy Research & Social Science 82, 102291 <a href="https://doi.org/10.1016/j.erss.2021.102291">https://doi.org/10.1016/j.erss. 2021.102291</a>	Rommel, J.; Radtke, J.; von Jorck, G.; Mey, F.; Yildi, Ö. (2018): Community renewable energy at a crossroads: A think piece on degrowth, technology, and the democratization of the German energy system, Journal of Cleaner Production 197 (2), 1746-1753, <a href="https://doi.org/10.1016/j.jclepro.2016.11.114">https://doi.org/10.1016/j.jclepro. 2016.11.114</a> .	MLUK 2024: Klimaplan Brandenburg (Climate Plan for Brandenburg): <a href="https://mluk.brandenburg.de/sixcms/media.php/9/Klimaplan-Brandenburg.pdf">https:// mluk.brandenburg.de/sixcms/ media.php/9/Klimaplan- Brandenburg.pdf</a>  <u>English version can be downloaded here:</u> <a href="https://www.b-tu.de/owncloud/s/ppMKwbfctL76JRS">https://www.b- tu.de/owncloud/s/ ppMKwbfctL76JRS</a>

**NOTE: The links to the sessions will be sent by email and are also available on Moodle**



# OFFLINE SCHEDULE IN COTTBUS

	Monday, September 9	Tuesday, September 10	Wednesday, September 11
Topic of the day	<b>Transformation Conflicts and Pathways in Energy Transitions</b>	<b>Evolving Energy Landscapes: Navigating Transitions and Regional Policies</b>	<b>Participation and Transdisciplinarity for a Just Energy Transition</b>
Lectures	<b>Transformation conflict in the case of Hydrogen power in energy transition</b> (by Luisa Stuhr, BTU Cottbus) <b>Exploring power dynamics in energy transitions</b> (by Dr. Sabine Hielscher, IÖW Berlin)	<b>Energy Transition Among Border Regions: Exploring Regional Collaborations and Challenges</b> (by Prof. Dr. Ludger Gailing and Kamil Bembnista, BTU Cottbus) <b>Decarbonisation in Lusatia – a system perspective</b> (by Prof. Dr. Roh Pin Lee, BTU Cottbus)	<b>Participation in Sector Coupling in Regional Transformation: The case of AgriSolar</b> (by Dr. Andrea Vetter, Janina Masserschmidt, Astrid Preis)
Workshops/ Excursions/ Social Activities	<ul style="list-style-type: none"><li>• Research Speed Networking</li><li>• Visit to <a href="#">Spremlberger Turm</a></li></ul>	<ul style="list-style-type: none"><li>• Challenges and Possibilities of Regional Collaboration in Energy Transition</li><li>• Excursion to the <a href="#">open pit mine “Welzow”</a></li></ul>	<ul style="list-style-type: none"><li>• Group work: Designing a Sustainable Energy Transition Roadmap for a Local Community</li><li>• Transfer to Poznon via Bus</li></ul>



# OFFLINE SCHEDULE IN POZNAN

**Thursday, September 12 (PUT)**

**Friday, September 13 (AMU)**

Topic of the day

**Energy Transition in the built environments**

**Social dimensions of energy transitions**

Lectures

**Sustainable modular and prefabricated construction and energy transition**

(by Prof. Dr. Hab inż. Katarzyna Rzeszut and Dr inż Monika Siewczyńska PUT)

**Social Dimensions of Energy**

**Transformation** (by Dr. Przemysław Pluciński)

**Energy Crises and Everyday Routines** (by Dr. Maciej Frąckowiak)

Workshops/  
Excursions/ Social  
Activities

- Energy-related modernisation of buildings (by Dr inż Monika Siewczyńska PUT)
- Universal design, use of old age simulators (by Prof. Dr. inż Marlena Kucz PUT)
- Visit of PUT laboratory base

- Group work: Knowledge and experience exchange
- Research walk along the route of Poznań's thermo-modernization investments (by aTour Guide)
- Panel discussion: stakeholders on thermo-modernization of large urban estates (co-organized with the Association of Polish Architects, Poznań branch)
- Transfer to Haus des Wandels e.V., Steinhöfel via Bus



# Literature to read (tbc)

- **Urgency vs justice - A politics of energy transitions in the age of the Anthropocene (2021)** *By [Ankit Kumar](#), [Auke Pols](#), [Johanna Höffken](#)* [www.taylorfrancis.com/chapters/oa-edit/10.4324/9780367486457-1/urgency-vs-justice-ankit-kumar-auke-pols-johanna-hoeffken](http://www.taylorfrancis.com/chapters/oa-edit/10.4324/9780367486457-1/urgency-vs-justice-ankit-kumar-auke-pols-johanna-hoeffken)
- <https://www.sciencedirect.com/science/article/pii/S2210422423000680>
- <https://link.springer.com/article/10.1007/s11625-023-01294-4>

**REGISTRATION via Google form** 

<https://forms.gle/bMADFZtr5gEsATir7>

**DEADLINE APRIL 26th 2024**

Prof. Dr. Melanie Jaeger-Erben  
Erich-Weinert-Straße 1 (LG 10, Room 238a)  
Email: [melanie.jaeger-erben@b-tu.de](mailto:melanie.jaeger-erben@b-tu.de)

Mubarik Kassim Rabiou  
Erich-Weinert-Straße 1 (LG 10, Room 238b)  
Email: [rabiou@b-tu.de](mailto:rabiou@b-tu.de)

Brandenburg University of Technology Cottbus–Senftenberg  
Faculty 5 - Business, Law and Social Sciences  
<https://www.b-tu.de/en/fg-technik-umwelt-soziologie>



**CONTACT  
AND  
REGISTRATION**

Pictures used were taken from the participating universities website