



RUB

RUHR-UNIVERSITÄT BOCHUM

CAMPUS-IN-CAMPUS MEETING

Al-Farabi KazNU, 30+31 October 2024, Almaty

Events '24 - „Sustainability Horizons“



13 June: campus sustainability UT-RUB online dialogue

Contributors / Participants:

- UT Vice President Prof. Takeaki SAKURAI
- RUB Chief Sustainability Officer Prof. Andreas LÖSCHEL
- Students

Presenting and discussing local support structures (UT: DESIGN THE FUTURE, RUB: Sustainability Office) and best-practice examples

Long-term goal: continuing exchange on campus sustainability, possibly including other CiC- partners

Events '24 - Cutting Edge Research for Smart Societies



5 September: Hybrid Symposium with

- 2 keynote speeches,
- 5 researchers from UT and
- 7 researchers from RUB presenting

Topics:

- Sustainability and Urban Planning
- 6G Services Communication Technology
- AI and the Human Factor
- Quantum Information

4 Subcommittee Meetings in different disciplines to discuss joint research opportunities (incl. lab visits, etc)



Events '24 – Participation in Tsukuba Global Science Week



3 October 2024:

Session on Innovative legal Studies
workshop of Prof. AKIYAMA (UT)

and Prof. WINDEL (RUB)

Discussing framework for
continuous education study
program,

Start of interdisciplinary dialogue
on Law with European partners

Events '24 – Education and more

16-21 September Prof. Hohn (RUB) and Prof. Fujii (UT): annual joint Summer School in Tokyo on Metropolitan Research

16-26 September 2nd „Library Internship program“ of RUB's East Asian Studies Faculty with guests UT Prof. Hara (advisor) and UT student Ms. Matai (intern)

Students RUB to UT: Summer term 2023 - 2 x Japan Studies, 1 x Biology
Winter term 2023/24 - 2 x Japan Studies, 1 x Geo-Sciences
Students UT to RUB: Winter term 2023/24 - 1 x Management & Economics

Coop. Agreement to be concluded between UT Faculty of Sports and VfL Bochum (Bundesliga soccer club); integration of RUB Faculty of Sports Science envisaged

Agreement between KazNU (Faculty of Philologie) and RUB (Institute of Slavic Studies) for student exchange in Russian Language / Slavic Studies under way

Events '24 - University-Industry Collaboration



5 September: RUB start-up mechIC presented energy-autonomous sensor first time to an international audience at the "**University of Tsukuba Night 2024**" in the Cambridge Innovation Center, Boston. The sensor works without electricity and shall be installed in concrete structures such as bridges and tunnels.

Deepening cooperation with CYBERDYNE – Current talks on RUB research proposal targeted towards testing of HAL exoskeleton, open perspectives for further cooperation between our Universities in the area of human assistive therapy

Joint Research Initiatives

Prof. Andreas LÖSCHEL (Environmental / Resource Economics and Sustainability):
Idea for research project „comparison of concepts for sustainable campus – Energy, mobility, charging infrastructure“, to share ideas and experiences on how to promote development of smart, sustainable, inclusive, resilient campuses.
Prof. Löschel will visit Japan on the occasion of the *German Japanese Energy Transition Council in Tokyo 18-19 February 2025*

German-Japanese Plasma Processing Workshop for Advanced Microelectronics with participation of UT researcher(s) 13-14 February 2025

Prof. Karola MARKY (Cyber Security / Data Privacy) to visit U Tsukuba during December 2024

INITIATIVES / EVENTS TO COME

Rector Paul to visit Tsukuba in mid-April 2025, together with a delegation of City of Bochum's Economic Development Division and Bochum company representatives:

- joint **scientific conference** on digital / smart health
- **Business matching event** with local entrepreneurs/companies of IBARAKI province

Joint MSc Human Centered Artificial Intelligence: Coop Agreement to be signed soon, student mobility to start in Winter term 2025/26

Talks on joint use of certain high-end devices of RUB's **Center for Interface Dominated High Performance Materials**, to be held in January/February 2025 and **Materials Summer School '25**, with participation of U Tsukuba students (tbc)

Celebrating 20 years of UT-RUB student collaboration in Summer Schools based on Prof. Fujii's + Prof. Hohn's joint Metropolitan Research / Human Geography

activities
New fields for coop under discussion – Health&AI, Loneliness Research, Diversity Medicine



Thank you very much
for your attention!

RUHR UNIVERSITY BOCHUM - BUILT TO CHANGE

New ideas for CiC

Establish DD programs with sustainable structures (longterm funding like from donors like MEXT-IUEP, DAAD, etc.)

Develop a few joint classes with team teaching, as ice-breaker for enhanced collaboration between lecturers and as teaser for students to consider mobility

Work towards establishment of a platform on sustainable campus development

Collaborate in World University Network WUN to enhance cooperation between CiC partners (currently RUV, UT and Chenk Kung) and to make use of available funds

Bring Tsukuba and Bochum Twin Cities closer together by means of university-industry-business collaboration