

Technische Universität Braunschweig - ISU - Institut für nachhaltigen Städtebau



Die TU Braunschweig ist das akademische Zentrum inmitten einer der aktivsten Forschungsregionen Europas und verfügt über eine renommierte Fakultät für Architektur. Wir arbeiten erfolgreich mit über 20 Forschungseinrichtungen in unserer Nachbarschaft sowie mit unseren internationalen Partneruniversitäten zusammen. Die Forschungsschwerpunkte unserer Universität liegen in den Bereichen Mobilität, Engineering for Health, Future City und Metrologie. Die TU Braunschweig ist Teil der TU9 - dem Verbund der führenden Technischen Universitäten in Deutschland. Die kooperierenden Hochschulen und Forschungseinrichtungen der AgiMo stehen für relevante Forschung, strategisches und ergebnisorientiertes Denken und Handeln, engagierte Lehre und erfolgreichen Wissens- und Technologietransfer in Gesellschaft und Wirtschaft. Mit der ISU bieten wir ein motivierendes Umfeld für die intellektuelle und berufliche Entwicklung an einer der führenden Technischen Hochschulen in Deutschland. Die ISU mit ihrer Forschungseinheit SpACE Lab at ISU ist ein forschungsbasierter Think Tank, Design- und Planungslabor unter der Leitung von Prof. Dr. Vanessa Miriam Carlow. Wir sind ein Team von rund 30 Forschern, Dozenten und studentischen Hilfskräften mit unterschiedlichem Hintergrund, Disziplinen und Karrierestufen. Die Vielfalt unseres ISU-Teams ermöglicht uns einen multiperspektivischen, unkonventionellen Zugang zu Forschungsfragen, Lehre und Wissenstransfer. Wir beteiligen uns intensiv am internationalen Diskurs über nachhaltigen Urbanismus. Im Rahmen des Forschungsschwerpunkts FUTURE CITY der TU Braunschweig arbeiten wir mit Wissenschaftlern unterschiedlichster Disziplinen zusammen und kooperieren mit mehr als fünfzig Städten und NGOs weltweit. Als Teil unseres internationalen Netzwerks sind wir auch an der Leitung der Forschungspräsenz der TU Braunschweig in Singapur beteiligt: TU BS Singapur.

Wissenschaftlicher Mitarbeiter im Bereich Städtebau bei ReSpace! Forschungsgruppe (m/w/d) am ISU - Institut für nachhaltigen Städtebau

(EG 13 TV-L, Vollzeit) Vollzeit-Doktorandenstelle ab 15.10.2025; TV-L E13, 3 Jahre; befristet, mit der Möglichkeit zur Verlängerung. Die Stelle dient der Qualifizierung des wissenschaftlichen Nachwuchses und bietet die Möglichkeit zur Promotion/weiteren wissenschaftlichen Qualifikation.

Stadt: Braunschweig; Beginn frühestens: Frühestmöglich; Dauer: 3 years; Vergütung: EG 13 TV-L; Bewerbungsfrist: 17.08.2025

Aufgabenbeschreibung

SpACE Lab at ISU – Institute for Sustainable Urbanism offers a position as Research Associate at the Research Group “ReSpace! – Connected Response-able Spaces and Infrastructures for Sustainable Living”.

The newly established ReSpace! research group is a cutting-edge initiative at Technische Universität Braunschweig, bringing together a vibrant, interdisciplinary team committed to rethinking space and spatial reconfiguration in response to climate change, resource

shortages, societal and environmental transformations. ReSpace! is funded by zukunft.niedersachsen, a funding programme of the Ministry of Science and Culture of Lower Saxony (MWK) and VolkswagenStiftung, as part of TU Braunschweig's project "Ecoversity – Collaborative space for change". Professor Vanessa Miriam Carlow, director of SpACE Lab at ISU – Institute for Sustainable Urbanism is speaker of ReSpace!.

We are looking for a (d/f/m) researcher who is highly team-oriented, cooperative, excited to work in a highly interdisciplinary context, and ambitious with view to own goals, but also the overall research ambition of the ReSpace! -team. As a Research Associate within the subproject "Response-able Spatialities – Sustainable Space Types and Dynamics" you will engage in the design of radically new spatial futures that respond to climate risks, resource scarcity, and systemic transformation. Central to your role is the development of speculative architectural and urban design prototypes that explore "response-able" spatial configurations across scales. You will work at the intersection of visionary design and scientific inquiry, contributing to a long-term spatial foresight framework.

The aim of ReSpace! is to advance an integrated understanding of how spatial infrastructures and typologies can be transformed for climate adaptation – addressing resource constraints and societal demands in the complex interplay of global and local impacts. Building on cross-disciplinary collaboration between architecture and urban design, the humanities, social and natural sciences, and engineering, the group will co-design, narrate, simulate, and evaluate innovative solutions for future sustainable living in the context of climate change and resource scarcity. Partnering with actors – cities, municipalities, NGOs, non-university research institutions and industry – ReSpace! focuses not only on developing spatial role models, but also on transferring knowledge to regional and institutional stakeholders. ReSpace! lies at the intersection of two of the four of the TU Braunschweig's core research areas Future City and Mobility.

YOUR KEY RESPONSIBILITIES

- To cooperate with researchers from other fields within the ReSpace! Research Group
- To submit your dissertation within the duration of the contract
- To (co-)author publications and conference contributions
- Regular presentations of interim results of the doctorate and further contributions to academic research through presentations, conference participations, and publications.
- Participation and active involvement in the ReSpace! research, graduate study programme, and joint activities.

Erwartete Qualifikationen

- We are looking for a first-class graduate of architecture and/or urban design (MA degree or equivalent) with expertise in the ReSpace!-addressed PhD subjects, excellent design skills, high desire to learn and cooperate in a highly interdisciplinary context
- The activities of ReSpace! will be conducted in both German and English. A very good command of English is required; knowledge of German or the willingness to learn it are advantageous.
- High interest in inter- and transdisciplinary exchange and willingness to

cooperate, combined with communication skills on a high level.

- Profound methodological knowledge and research experience as well as a passion and ability for academic writing.
- International experience is advantageous.
- Willingness and skills to work independently and in an interdisciplinary team, as well as with partners from outside of academia.

Unser Angebot

- An inspiring institutional and multidisciplinary setting. A vibrant campus life in an international atmosphere with lots of intercultural offers and international cooperations.
- Opportunity for gaining ample experience in inter-and transdisciplinary research contributing to a more resilient future.
- Advancement and support through a project-wide network of early career researchers
- The ReSpace! - a joint work space for the doctoral researchers to foster real cooperation
- Applied research in a young, interdisciplinary team; focusing on current global challenges.
- An inspiring working environment and excellent research infrastructures as part of the TU Braunschweig Ecovercity community of researchers, teachers, students.
- Vivid, interdisciplinary and international Graduate School, offering scientific support for early career researchers, offerings from personnel development department and sports activities.
- An international, interdisciplinary scientific network.
- Participation in Ecovercity activities and networks

Bewerbung

We welcome applicants of all nationalities. At the same time, we encourage people with severe disabilities to apply. Applications from severely disabled persons will be given preference if they are equally qualified. Please attach a proof of disability to your application. We are also working on the fulfilment of the Central Equality Plan based on the Lower Saxony Equal Rights Act (Niedersächsisches Gleichberechtigungsgesetz—NGG) and strive to reduce under-representation in all areas and positions as defined by the NGG. Therefore, applications from women are particularly welcome in this case.

We look forward to receiving your application. Please include a cover letter, letter of motivation, letter of recommendation or reference (at least one academic reference and one previous employer), resume and comprehensive documents including a portfolio. Please do also share a text example. Please send your application indicating the Job ID “ReSpace-PhD” in a single PDF file by August 17, 2025 to respace@tu-braunschweig.de. The interviews are scheduled for September 2-3, 2025.

The personal data will be stored for the purpose of processing the application. By submitting your application, you agree that your data may be stored and processed electronically for application purposes in compliance with the provisions of data protection law. Further information on data protection can be found in our data protection regulations at www.tu-braunschweig.de/datenschutzerklaerung-bewerbungen. Application costs and expenses incurred in attending interviews cannot be reimbursed.

CONTACT

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www.tu-braunschweig.de/respace
www.spacelab-isu.org

Weitere Informationen unter <https://stellenticket.de/196433/TUB/>
Angebot sichtbar bis 17.08.2025

