



Technische
Universität
Braunschweig



INSTITUT FÜR
RECHTSWISSENSCHAFTEN



PhD-Researcher Position (m/f/d) within the SE²A Research Cluster

EvAir – Evaluation and Advancement of Aviation Law

Temporary Position (up to 3 years), up to Salary Level EG 13 TV-L, 100%

Background:

The Cluster of Excellence *SE²A - Sustainable and Energy-Efficient Aviation* is a DFG-funded interdisciplinary research center investigating technologies for a sustainable and eco-friendly air transport system. Scientists from aerospace, electrical, energy and chemical engineering as well as economics and social science are working on the reduction of drag, emissions and noise, life-cycle concepts for airframes, improvements in air traffic management and new technologies for energy storage and conversion. Technische Universität Braunschweig, the German Aerospace Center (DLR), Leibniz University Hannover (LUH), the Braunschweig University of Art (HBK) and the National Metrology Institute of Germany (PTB) have joined forces in this extraordinary scientific undertaking. The overall project is structured into the three core research areas “Assessment of the Air Transport System”, “Flight Physics and Vehicle Systems” and “Energy Storage & Conversion”.

(www.tu-braunschweig.de/en/se2a)

Employment:

The position is located at the **Institute of legal studies** (Institut für Rechtswissenschaften) [<https://www.tu-braunschweig.de/recht>] in Braunschweig. The entry date is as soon as possible, and the duration is initially limited until the end of 2025. The position is part-time suitable, but should be occupied 100%. For all doctoral researchers of the cluster, an active participation in SE²A's own qualification programme is mandatory, the time effort for this training measure entails 10% of the working time. The payment is made according to task assignment and fulfillment of personal requirements up to salary group EG 13 TV-L. International applicants may have to successfully complete a visa process before hiring can take place. Applications from international scientist are welcome. The Cluster SE²A aims to increase the share of women in academic positions. Applications from female candidates are very welcome. Where candidates have equal qualifications, preference will be given to female applicants. Candidates with handicaps will be preferred if equally qualified. Please enclose a proof.

Task:

The advertised position will supervise and work on the “EvAir – Evaluation and Advancement of Aviation Law” project at the Institute of legal studies. EvAir is an interdisciplinary research project, which adds a legal dimension to the technological, economic and ecological factors, which are already reviewed in the SE²A cluster.

The research goal of the project is a detailed and interdisciplinary examination of the currently applicable Air Traffic Law. The underlying research question is: Is the currently applicable national and international air traffic law (in the broader sense) – i.e. the air traffic law with the corresponding ancillary laws and agreements, but also the more extensive right to mobility, including mobility data law – at all able to make the transition into a modern, sustainable and future-oriented air traffic system in a legally secure manner while sufficiently weighing up the interests of all stakeholders? If not, how can such a transition be shaped in legal terms?

To address this research question, the advertised position will participate in the cluster's research. The task is a detailed analysis of (international) aviation law and the establishment of an innovation compass, from which concrete legislative proposals are to emerge.

In addition to the independent project work, this task also includes the organisation of exchange rounds within the cluster. The candidate should complete the research with a doctoral thesis.

Additional tasks at the institute, such as supporting teaching and administration, are also part of the position.

Who we are looking for:

- Above-average first legal state exam, desirable second legal state exam
- Interest in the field of air traffic law, environmental law, mobility law, digitization and technical contexts
- Interest in practice-oriented, interdisciplinary and independent work
- High level of commitment, independence, initiative
- Ability to work in a team and strong communication skills
- Very good written and spoken English and German skills
- Experience in working on interdisciplinary projects would be an advantage

Application Process:

Applications should be sent by e-mail to anne.paschke@tu-braunschweig.de and must contain the following documents until **15.11.2022**. Alternatively, applications can be sent via post to: Institut für Rechtswissenschaften, Bienroder Weg 87, 38106 Braunschweig.

- Motivation Letter
- Curriculum Vitae including complete address, phone number, email address, educational background, language skills, and work experience
- Copies of state examination
- Additional documents must be provided on request

All documents should be in PDF format, preferably in a single file. Personal data and documents relating to the application process will be stored electronically. Please note that application costs cannot be refunded. For the purpose of carrying out the application process, personal data will be stored.

For more information, please contact us via e-mail (pauline.fellenberg@tu-braunschweig.de) or call Pauline Fellenberg on +49 (0) 531 391- 2469.