



Technische
Universität
Braunschweig



About TU Braunschweig

Dr. Dominik Baumgarten | April 10, 2024

The City of Braunschweig

- population of 250,000
- second largest city in Lower Saxony
- first mentioned in 1031, important cultural and political centre since the middle ages, member of the Hanseatic League
- central position in the heart of Germany
- ranks 4th among all major German cities in terms of quality of life



Research Region Braunschweig

TU Braunschweig is member of the Research Region Braunschweig.

Within the region, we closely collaborate with a number of research institutes, federal institutes and other partners.



Key Figures of TU Braunschweig in 2023



founded in 1745



16,800 students | 3,200 of them international



3,800 staff members | 2,300 of them researchers
242 of them professors



€ 393m overall budget | € 124m third-party funding



4 core research areas

7 interdisciplinary research centres

6 faculties

2 clusters of excellence

86 degree programmes

2 DFG collaborative research centres

What TU Braunschweig Stands for



- strong industrial and cooperation partner network in Europe's most active research region
- university of technology with the longest tradition in Germany
- member of the TU9 Alliance, Germany's leading 9 universities of technology



What TU Braunschweig Stands for



- **explicit STEM-focus: broad range of engineering programmes**
- **complemented by natural sciences, social sciences and humanities**
- **transdisciplinary education**
- **strong basis research combined with a high application orientation**

Comprehensive University with 6 Faculties



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Carl Friedrich Gauß Faculty (Mathematics, Computer Science, Business Science, Social Sciences)



Faculty of Life Sciences



Faculty of Architecture, Civil Engineering and Environmental Sciences



Faculty of Mechanical Engineering



Faculty of Electrical Engineering, Information Technology, Physics



Faculty of Humanities and Education

Research at TU Braunschweig: Core Research Areas

TU Braunschweig has identified 4 interdisciplinary core research areas:

Mobility



Metrology



Engineering for Health



Future City



Research at TU Braunschweig: Clusters of Excellence

TU Braunschweig has been successful with two Clusters of Excellence within the National Excellence Strategy:

SE²A – Sustainable and Energy Efficient Aviation

established 2018



Core research area Mobility

Quantum Frontiers
(together with LU Hannover)

established 2018



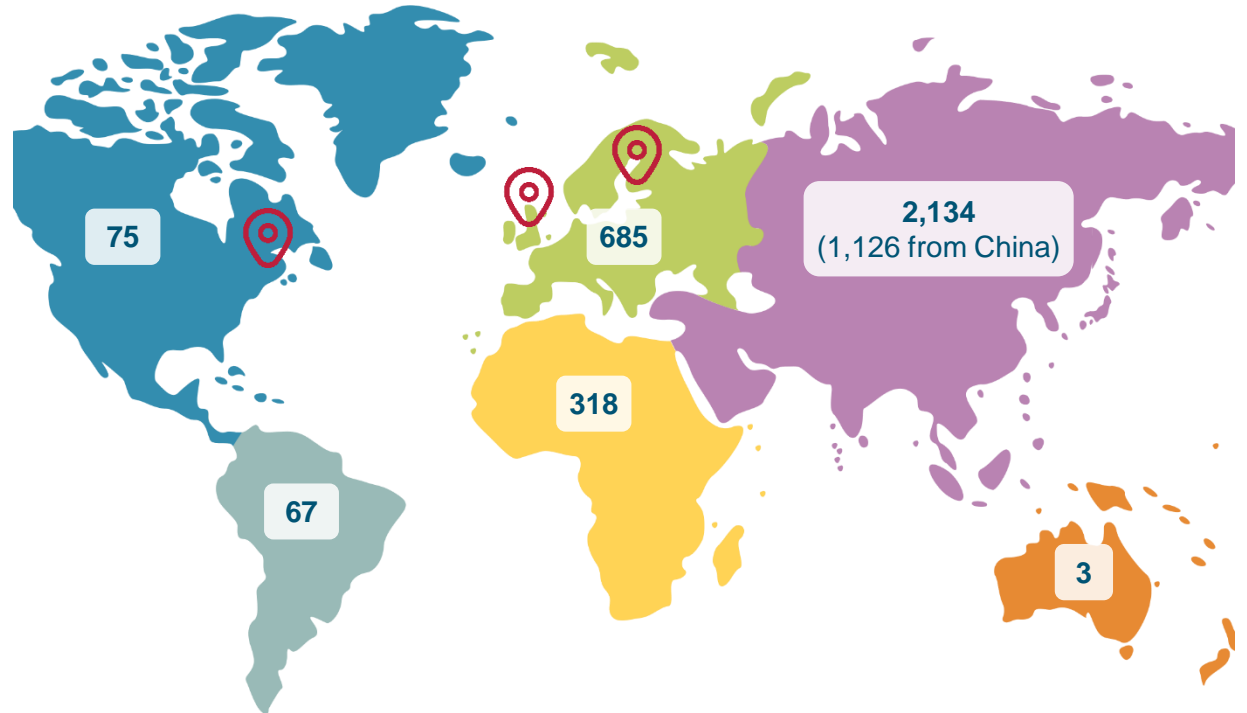
Core research area Metrology

TU Braunschweig International

3.200	international students
110	countries
19 %	of all students
310	partner universities
170	Erasmus agreements

Strategic partners: University of Strathclyde, Tampere University, University of Rhode Island

Key exchange partners: in the USA, Canada, South America, India, China, Japan and Singapore



Come study & work with us!



We are looking for...

- **master students from all academic fields:
degree programs, internships & summer schools**
- **PhD students from all academic fields:
individual PhD or structured doctorate**
- **postdoctoral researchers from all academic
fields**



Let's get in touch!

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