

»» CSE NEWSLETTER ««

DECEMBER 2024

1

»» NEW STUDENT AMBASSADOR PROGRAM

We are currently working with the prospective student management team of the Faculty of Architecture, Civil Engineering and Environmental Sciences at TU Braunschweig to create an ambassador program for students and prospective students.

An ambassador is a senior student who presents CSE to prospective students at fairs, universities, or schools. They help fellow students with questions about student life at TU Braunschweig. The program is intended for students by students.

More content to come in our next newsletter or via our [LinkedIn profile!](#)



»» STAFF EXCHANGE AT TAMPERE UNIVERSITY

In September, Annika Kleinwächter and Daria Horte from the prospective student management team of the Faculty of Architecture, Civil Engineering and Environmental Sciences at TU Braunschweig visited the University of Tampere, Finland.

Check out the article [here](#).

»» CHRISTMAS GET-TOGETHER

We celebrated on December 4th the Christmas season together with CSE students, Alumni, lecturers, and supporters at the CSE Office. There was traditional mulled wine "Glühwein", music and traditional German Christmas cookies, such as gingerbread and speculoos. The Christmas Get-Together took place together with the other international degree programs SEPP, QTEC, Data Science and Solar Science.

Check out the Post on [LinkedIn](#).





>>> WELCOME RECEPTION 2024

This year's CSE Welcome Reception took place on November 5th and was the end of this year's Induction phase. CSE students, Alumnis, supporters, and lecturers welcomed the new CSE batch 2024. The event took place in the CSE Office with drinks, some soups, and a little game. It was a great opportunity for the new students to connect with the CSE family.

>>> DLR GÖTTINGEN EXKURSION

"As part of the course 'Flow-induced vibrations of bluff-body structures,' we visited DLR Göttingen to explore cutting-edge research in fluid dynamics and aerodynamics. The excursion offered an in-depth look at advanced wind tunnel technologies and their applications in modern engineering. Dr. Nils van Hinsberg, lecturer of the course, showed us around the facility. The first wind tunnel we visited was the Transonic Wind tunnel, which is part of DNW (Dutch-German Wind tunnels). The speciality of this wind tunnel are its 3 types of changeable walls - adaptive, perforated and flexible Laval nozzles walls. This allows them to conduct various types of experiments in the 0.3 to 2.2 Mach number range. Our next stop was the Cryogenic wind tunnel, it had a 130 metre long storage pipe which extended outside of the building. The need for a large storage tank arises due to instantaneous release of highly pressurised liquid nitrogen, which is used to generate supersonic flow state in the test section. This wind tunnel is also used to create transonic flow conditions of modern transport aircraft at flight-realistic Reynolds numbers and is being used quite extensively for latest research. Overall, It was a compelling experience, enhancing our understanding of how theoretical concepts are applied in real-world scenarios."

- Kshitij Patle



>>> LAB TOUR

At the start of the new semester, the new CSE Batch had the opportunity to get to know various institutes at TU Braunschweig.

They visited the "Leichtweiß-Institute of Hydraulic Engineering and Water Resources Management", the "Institute of Applied Mechanics" and the "Institute of Aerodynamics and Fluid Mechanics", among others.

The students had the opportunity to talk to professors and researchers, and learned about various research projects.

CSE AND AMBASSADOR PROGRAM

>>> In the coming months, we will introduce the Ambassador Program through various events.