Summer School 2022
Summer School for Advanced Sustainable Aviation Technologies
In the long run, zero emission flights, including the wider mobility sector, are the current priority and require enormous research and development activities which can by no means be limited to classical aerospace disciplines. Instead, they require new interdisciplinary approaches, methods and teams covering all aspects from aerospace as well as areas such as materials and structures, chemistry, electrical engineering or even economics and social sciences.

Of course, this all starts with an up to date insight in the most current state of the art in aviation. In our Summer School course, you can acquire both theoretical knowledge and practical project experience in the field to address these grand challenges, and to

The world is facing an enormous challenge in transferring aviation into a more sustainable and greener transport mode.
connect with fellow students from different countries.

The programme is divided into two parts: The basic knowledge about methods and technologies will be given in lectures held by professors from the partner universities TU Delft and Tampere University as well as from aviation industry experts during the virtual phase.

Afterwards, you will put your knowledge into practice. The on-site phase will consist of additional lectures in Braunschweig to gain specific insights and well as a hands-on project that will be conducted in international and interdisciplinary teams, supervised by professors.

The on-site phase will be complemented by an extensive social programme in and around Braunschweig. You will get to know the city and the region, the university’s research airport and some of TU Braunschweig’s research facilities as well as nearby companies such as Volkswagen and a local brewery. You will have enough time to explore the city on your own and to get to know your fellow students.
Key Facts

<table>
<thead>
<tr>
<th>Time period</th>
<th>01 August to 02 September 2022</th>
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<tr>
<td>Registration deadline</td>
<td>01 May 2022</td>
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<tr>
<td>Event form</td>
<td>Online (01–22 August ) and in person (from 22 August)</td>
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<td>Participation fee</td>
<td>Free of charge</td>
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<td>Registration fee</td>
<td>317 € (for enrolling as an exchange student)¹</td>
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<td>Language of instruction</td>
<td>English (on the level B2/C1)</td>
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<td>Workload</td>
<td>180 hours, divided into virtual and in-person phases</td>
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<td>Credits</td>
<td>6 ECTS credits</td>
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<td>Certificate</td>
<td>Graded certificate</td>
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<td>Target group</td>
<td>Master students of any discipline from TU Braunschweig, Tampere University, or TU Delft with a strong interest in sustainable aviation technologies</td>
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¹ The fee covers reduced prices for food in the cafeterias, reduced prices for museums, cinemas, and similar local culture as well as sport offers, and includes free travel in all local trains and public transport in all of Lower Saxony. You need to enrol as an exchange student at our university to have access to all university services. However, enrolling is not necessary to participate in the Summer School programme.

Any questions?

Please do not hesitate to contact us, we are happy to help!

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Impressions of Our 2021 Summer School

- Institute for Structural Design
- Braunschweig’s historic centre
- Trip to Berlin
- Autostadt in Wolfsburg
- Visiting Wolfenbüttel
- Research Airport
Application

Please apply before **01 May 2022**. Registration may be closed before the deadline in case the maximum of participants is reached.

Please use the application form that you can find on our website:

→ www.tu-braunschweig.de/summer-school

After filling out the form, please send it to us via email:

✉️ summerschool@tu-braunschweig.de