

MechaTwing Summer School: *Aeroelastic and Structural Challenges in Future Aircraft Design*

SAVE THE DATE!

MechaTwing TWINNING FOR EXCELLENCE IN MORPHING AND AERO-MECHATRONIC WING CONTROL: A LEAP TOWARDS ECO-SMART AVIATION (101159722)

WHEN: 2 – 6 June 2025

WHERE: German Aerospace Center (DLR) Göttingen, Germany

Dear MechaTwing partners, dear Aerospace Community, dear Sir or Madam,

we kindly invite you to our first Summer School from June 2 to June 6 as part of the project MechaTwing, funded by the European Union. We will bring together scientists and experts for lectures, workshops, and technical discussions with a focus on the aeroelastic and structural challenges in future aircraft design. **The summer school will cover:**

- **Lectures** to introduce both fundamentals and advanced topics of aeroelasticity, loads analyses, aerodynamic design, flow control, structural dynamics, control, and structural optimization
- **Hands-on experiments** in the laboratory to demonstrate static and dynamic aeroelastic effects in the wind tunnel as well as applied system identification (experimental modal analyses)
- **Workshops** to introduce state-of-the-art software for loads analyses and structural optimization

A detailed program and registration information will follow soon.

We are looking forward to welcoming you in Göttingen.

The MechaTwing Organizing Committee

ENQUIRIES: radka.preclikova@fs.cvut.cz

