Hot-wire measurements on boundary layers

**Project description**

We have a new measurement setup in a wind tunnel that is optimized for boundary layer measurements. In collaboration with the manufacturer Dantec Dynamics, we want to investigate different types of manipulations of boundary layers. Examples are the use of roughness elements and vortex generators. We want to manipulate the skin friction, transition to turbulence or resistance to flow separation. The measurements will be made in collaboration with the company Dantec Dynamics that manufactures hot-wires and other flow measurement systems.

**Project type and conditions**

Project can be done as bachelor and master project.

**Industry partner:** Dantec Dynamics A/S

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