



University of Stuttgart
DFG research unit 2895



supported by the
Deutsche Forschungsgemeinschaft (DFG)

FOR 2895 Symposium & Third International Buffet Workshop

Call for Abstracts

Date:
21-22 September 2026
Stuttgart, Germany

The "FOR 2895 Symposium & Third International Buffet Workshop" event aims at gathering the latest research advancements on the complex aerodynamic interactions and non-linear unsteady flow phenomena occurring at the edges of the flight envelope of transport aircraft.

During the first day of the event (21 September), the activities of the DFG (German Research Foundation) funded research unit FOR 2895 (www.for2895.uni-stuttgart.de) on unsteady phenomena and interactions on aircraft at high flight Mach numbers are presented. A peculiarity of this project is that, thanks to funding from the HGF (Helmholtz-Gemeinschaft) and DLR (German Aerospace Center), several extensive measurement campaigns were carried out in the European Transonic Windtunnel (ETW) on the Airbus XRF-1 research transport aircraft configuration.

The second day of the event (22 September) is dedicated to the Third International Buffet Workshop. Following the workshops held in 2022 (organised by the Universities of Liverpool and Southampton) and 2024 (organised by JAXA), the objective is to provide an open platform to present the latest activities and discoveries to a buffet-focused community. Contributions for presentations on the following topics (but not limited to) are invited:

1. Buffet mechanisms including two- vs three-dimensional effects, laminar vs transitional vs turbulent shock-wave boundary-layer interactions
2. Buffet on industry-relevant complex-geometric configurations
3. Buffet modelling and control

The two-day event is hosted by the University of Stuttgart and is free of charge. In-person attendance is limited and will be granted on a first-come, first-served basis. All presentations will be streamed online and presentations can also be given online. Presenters of the Third International Buffet Workshop do not have to submit a manuscript, but can optionally agree to have their slides published as part of a dedicated JAXA Special Publication (JAXA-SP).

Date: 21 September 2026, 9:00 till 22 September 2026, 17:00

Venue: IBZ, Robert-Leicht-Straße 161, 70569 Stuttgart, Germany

Local contact: Thorsten Lutz (lutz@iag.uni-stuttgart.de)

On 23 September, an optional excursion to the [ETW](#) (in Cologne) is offered for participants attending the event in-person, whereby the travel-related costs must be borne by the participants. Program and registration details will follow by end of June.

Thorsten Lutz, Sebastian Timme and Andrea Sansica

