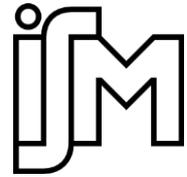




Vortrag



Low-frequency unsteadiness in turbulent separation bubbles

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Separation and reattachment of turbulent boundary layers are common in aerodynamic systems and are often detrimental to their performance. The unsteadiness in pressure and velocity that is associated with separating and reattaching flows can lead to vibration, noise, and even unsteady thermal loads in the case of high-speed flows. In this work we investigate the unsteady behavior of turbulent separation bubbles with a specific emphasis on low-frequency phenomena.

Termin: **21.02.2020, 11:30 Uhr**
Ort: **Zeuner-Bau, Raum 150a**

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