

[03.2 – Structural Analysis and Design, Structural Dynamics, Aeroelasticity]

3.7 _ Experimental

Date	28 September 2016 (Wednesday)
Time	14:00–15:30
Place	Track 3 (#103)
Session Chair: S. Ricci	

3.7.1	14:00–14:30	[2016_0166] DEFORMATION MEASUREMENT IN THE WIND TUNNEL FOR AN UAV LEADING EDGE WITH A MORPHING MECHANISM M. Radestock ¹ , J. Riemenschneider ¹ , H.P. Monner ¹ , O. Huxdorf ¹ , N.P.M. Werter ² , R. De Breuker ² ; ¹ German Aerospace Center, Germany ; ² Delft University of Technology, Netherlands
3.7.2	14:30–15:00	[2016_0248] SEMI-A VIBRATION SUPPRESSION OF AIRCRAFT PANEL USING PIEZOELECTRIC ACTUATOR WITH SYNCHRONIZED SWITCH DAMPING TECHNIQUE K. Li ¹ , L. Zhang ¹ , K. Pan ¹ , W. Huang ¹ ; ¹ Aircraft strength research institute of China, China
3.7.3	15:00–15:30	[2016_0676] DESIGN, MANUFACTURING AND VALIDATION OF A GUST GENERATOR FOR WIND TUNNEL TEST OF A LARGE SCALE AEROELASTIC MODEL F. Fonte ¹ , L. Riccobene ¹ , S. Ricci ¹ , S. Adden ² , M. Martegani ² ; ¹ Politecnico di Milano, Italy ; ² IBK Technologie, Germany