

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

6.6 _ Aeroelasticity 1

Date	28 September 2016 (Wednesday)
Time	09:30–12:00
Place	Track 6 (#106)
Session Chair: G. Amiryants	

6.6.1	09:30–10:00	[2016_0436] THE ACTIVE AEROELASTICITY CONCEPT – THE MAIN STAGES AND PROSPECTS OF DEVELOPMENT G.A. Amiryants, Russia; A.V. Grigorev, Russia; Y.A. Nayko, Russia; S.E. Paryshev, Russia
6.6.2	10:00–10:30	[2016_0111] ANALYSIS AND COMPUTATIONAL STUDY OF THE AERODYNAMICS AND AEROELASTICITY OF FLAPPING WING ORNITHOPTER H. Djojodihardjo ¹ , A.K. Joyodiharjo ¹ ; ¹ The Institute for the Advancement of Aerospace Science and Techn, Indonesia
6.6.3	10:30–11:00	[2016_0519] DESIGN, MANUFACTURE AND FREQUENCY EXPERIMENT OF A NOVEL FLUTTER MODEL FOR AGARD WING 445.6 WITH STRUCTURE–SIMILARITY W. Qian ¹ , Y.–G. Bai ¹ , D. Wang, AVIC Aerodynamics Research Institute, China; ¹ Dalian University of Technology, China
6.6.4	11:00–11:30	[2016_0123] FLUID–STRUCTURE INTERACTION ANALYSIS REGARDING THE INFLUENCE OF STRUCTURAL BOUNDARY CONDITION ON A FLAPPING WING H. Cho ¹ , N. Lee ² , S.J. Shin ¹ , S. Lee ² , S.Y. Kim, Agency for Defense Development, South Korea; ¹ Seoul National Univ., South Korea ; ² Inha Univ., South Korea
6.6.5	11:30–12:00	[2016_0198] THE INFLUENCE OF MORPHING PROCESS ON THE AEROELASTIC CHARACTERISTICS OF A FOLDING WING W. Hu ¹ , Z.C. Yang ¹ , Y.S. Gu ¹ ; ¹ Northwestern Polytechnical University, China