

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

## 6.5 \_ Structural Design 3

<b>Date</b>	27 September 2016 (Tuesday)
<b>Time</b>	16:00–18:00
<b>Place</b>	Track 6 (#106)
<b>Session Chair: C. Bisagni</b>	

<b>6.5.1</b>	<b>16:00–16:30</b>	<b>[2016_0720] GENERATIVE DESIGN: ADVANCED DESIGN OPTIMIZATION PROCESSES FOR AERONAUTICAL APPLICATIONS</b> S. Bagassi <sup>1</sup> , F. Lucchi <sup>1</sup> , F. De Crescenzo <sup>1</sup> , F. Persiani <sup>1</sup> ; <sup>1</sup> University of Bologna, Italy
<b>6.5.2</b>	<b>16:30–17:00</b>	<b>[2016_0098] DESIGNING OF AIRFRAMES HAVING MINIMUM MASS UNDER SEVERAL LOADINGS (NOT ONLY FULLY STRESSED)</b> A.I. Danilin, Samara State Aerospace University, Russia
<b>6.5.3</b>	<b>17:00–17:30</b>	<b>[2016_0209] APPLICATIONS OF DISPLACEMENT TRANSFER FUNCTIONS TO DEFORMED SHAPE PREDICTIONS OF THE G-III SWEEP-WING STRUCTURE</b> S.-F. Lung, Jacobs, United States; W.L. Ko, NASA, United States
<b>6.5.4</b>	<b>17:30–18:00</b>	<b>[2016_0282] FAIRING OPTIMIZATION DESIGN OF WING STRUCTURE</b> R. Zhang, Chinese Aeronautical Establishment, China; D.-G. Cui, Aviation of China, China; G. Song, Beihang University, China