

[02.4 – Applied Aerodynamics]

4.6 _ Design Optimization 1

Date	28 September 2016 (Wednesday)
Time	09:30–12:00
Place	Track 4 (#104)
Session Chair:	

4.6.1	09:30–10:00	[2016_0544] INTEGRATED AIRCRAFT WING DESIGN OPTIMIZATION A. Ronzheimer, DLR, Germany
4.6.2	10:00–10:30	[2016_0228] FUSELAGE SHAPE OPTIMIZATION AIMED AT AERODYNAMIC DRAG REDUCTION AT SUPERSONIC SPEEDS N.D. Ageev ¹ , A.A. Pavlenko ¹ ; ¹ TsAGI, MIPT, Russia
4.6.3	10:30–11:00	[2016_0220] AERODYNAMIC SHAPES DESIGN ON THE BASE OF DIRECT NEWTON TYPE OPTIMIZATION METHOD A.V. Grachev ¹ , A.N. Kraiko, CIAM, Russia; S.A. Takovitskii ¹ ; ¹ TsAGI, Russia
4.6.4	11:00–11:30	[2016_0627] CFD-BASED AERODYNAMIC SHAPE OPTIMIZATION OF A MANNED RE-ENTRY VEHICLE M.M. Entezari, Aerospace Research Institute, Iran; M. Mohammadi-Amin, Aerospace Research Institute, Iran
4.6.5	11:30–12:00	[2016_0717] AERODYNAMIC SHAPE OPTIMIZATION WITH A NEW PARALLEL EVOLUTIONARY ALGORITHM AND NUMERICAL FLOW MODELLING A. Jahangirian ¹ , M. Ebrahimi ¹ ; ¹ Amirkabir University of Technology, Iran