

[02.1 – Aerodynamics – CFD Methods and Validation]

12.2 _ Vehicle Optimization and Design

Date	26 September 2016 (Monday)
Time	13:00–14:30
Place	Track 12 (#209+210+211)
Session Chair: K. Yee	

12.2.1	13:00–13:30	[2016_0375] KNOWLEDGE-BASED INTEGRATED AIRCRAFT WINDSHIELD OPTIMIZATION R.C. Munjulury ¹ , R. Gårdhagen ¹ , P. Berry ¹ , P. Krus ¹ ; ¹ Linköping University, Sweden
12.2.2	13:30–14:00	[2016_0223] OPTIMISATION OF A WING-BODY-TAIL CONFIGURATION WITH AN ALTERNATIVE LOW DRAG FUSELAGE AND BODY TRAILING EDGE L. Smith ¹ , K.J. Craig ¹ , J.P. Meyer ¹ , G.R. Spedding, University of Southern California, United States; ¹ University of Pretoria, South Africa
12.2.3	14:00–14:30	[2016_0479] DESIGN OPTIMIZATION OF HELICOPTER BLADE USING CLASS SHAPE FUNCTION BASED GEOMETRY REPRESENTATION A. Ariyarit ¹ , M. Sugiura ² , Y. Tanabe ² , M. Kanazaki ¹ ; ¹ Tokyo Metropolitan University, Japan ; ² Japan Aerospace Exploration Agency, Japan