

[02.1 – Aerodynamics – CFD Methods and Validation]

## 2.5 \_ High AOA and Unsteady Aerodynamics

<b>Date</b>	27 September 2016 (Tuesday)
<b>Time</b>	16:00–18:00
<b>Place</b>	Track 2 (#102)
<b>Session Chair: A. Antunes</b>	

<b>2.5.1</b>	<b>16:00–16:30</b>	<b>[2016_0152] MODELLING NONLINEAR HIGH-PRECISION UNSTEADY AERODYNAMICS FOR ADVANCED AIRCRAFT AT HIGH ANGLE OF ATTACK</b> H. Zhan <sup>1</sup> , B.-G. Mi <sup>1</sup> , M.-H. Yang <sup>1</sup> ; <sup>1</sup> Northwestern Polytechnical University, China
<b>2.5.2</b>	<b>16:30–17:00</b>	<b>[2016_0330] EFFECTS OF THE BOUNDARY LAYER TRANSITION ON THE GLOBAL AERODYNAMIC COEFFICIENTS</b> G.L.O. Halila <sup>1</sup> , A.P. Antunes <sup>1</sup> , R.G. da Silva <sup>2</sup> , J.L.F. Azevedo <sup>2</sup> ; <sup>1</sup> Embraer S.A., Brazil ; <sup>2</sup> Instituto de Aeronautica e Espaco, Brazil
<b>2.5.3</b>	<b>17:00–17:30</b>	<b>[2016_0713] EFFECTS OF SOME NUMERICAL FORMULATION ASPECTS IN HIGH-LIFT CONFIGURATION SIMULATIONS</b> E.D.V. Bigarella <sup>1</sup> , P.A.G. Ciloni <sup>1</sup> , L.C. Scalabrin <sup>1</sup> ; <sup>1</sup> Embraer S.A., Brazil
<b>2.5.4</b>	<b>17:30–18:00</b>	<b>[2016_0246] CFD OF BLENDED WING BODY UCAV WITH VORTEX GENERATOR</b> S. Park <sup>1</sup> , K. Chang <sup>1</sup> , d.-J. Sheen <sup>1</sup> ; <sup>1</sup> Hanseo University, South Korea