

[02.1 – Aerodynamics – CFD Methods and Validation]

## 2.2 \_ Vortical Flows

<b>Date</b>	26 September 2016 (Monday)
<b>Time</b>	13:00–14:30
<b>Place</b>	Track 2 (#102)
<b>Session Chair: M. Medeiros</b>	

<b>2.2.1</b>	<b>13:00–13:30</b>	<b>[2016_0304] COMPARATIVE NUMERICAL INVESTIGATION OF THE VORTEX SYSTEM ON FOREBODY OF AN AIRCRAFT AT HIGH ANGLES OF ATTACK APPLIED TO THE PROBLEM OF PROVIDING STABILITY</b> K. Makarov, Russia; A. Pavlenko, Russia
<b>2.2.2</b>	<b>13:30–14:00</b>	<b>[2016_0576] APPLICATION OF PROPER ORTHOGONAL DECOMPOSITION FOR AVIATION SAFETY</b> J.H. Cho <sup>1</sup> , S.K. Jeong, Kyung Hee University, South Korea; K.J. Yee <sup>1</sup> ; <sup>1</sup> Seoul National University, South Korea
<b>2.2.3</b>	<b>14:00–14:30</b>	<b>[2016_0666] LARGE-SCALE VORTEX STRUCTURE OF FLOW IN THE NEAR WAKE BEHIND AN AIRLINER DURING TAKEOFF AND LANDING</b> Y.M. Tsirkunov <sup>1</sup> , M.A. Lobanova <sup>1</sup> , A.I. Tsvetkov <sup>2</sup> , B.A. Schepanyuk <sup>2</sup> ; <sup>1</sup> Baltic State Technical University, Russia ; <sup>2</sup> Saint Petersburg State University, Russia