

[02.1 – Aerodynamics – CFD Methods and Validation]

## 2.1 \_ Fluid-Structure Interaction

<b>Date</b>	26 September 2016 (Monday)
<b>Time</b>	10:30–12:00
<b>Place</b>	Track 2 (#102)
<b>Session Chair: M. Lott</b>	

<b>2.1.1</b>	<b>10:30–11:00</b>	<b>[2016_0657] A COMPUTATIONAL STUDY ON AVIAN FLAPPING FLIGHT AND THE INFLUENCE OF FEATHER SEPARATION</b> J. Feaster <sup>1</sup> , F. Battaglia <sup>1</sup> , J. Bayandor <sup>1</sup> ; <sup>1</sup> Virginia Tech, United States
<b>2.1.2</b>	<b>11:00–11:30</b>	<b>[2016_0119] EFFECT OF ELASTIC DEFORMATION ON FLIGHT DYNAMICS OF PROJECTILES WITH LARGE SLENDERNESS RATIO</b> R.H. Hua <sup>1</sup> , Z.Y. Ye <sup>1</sup> , L. Yang <sup>1</sup> ; <sup>1</sup> Northwestern Polytechnical University, China
<b>2.1.3</b>	<b>11:30–12:00</b>	<b>[2016_0624] COMPUTATIONAL INVESTIGATIONS OF MODEL WING DEFORMATION INFLUENCE ON AERODYNAMIC CHARACTERISTICS</b> S. Bosnyakov <sup>1</sup> , I. Kursakov <sup>1</sup> , A. Lysenkov <sup>1</sup> , S. Matyash <sup>1</sup> ; <sup>1</sup> Central Aerohydrodynamic Institute named after N.E. Zhukovsky, Russia