

[02.4 – Applied Aerodynamics]

## 4.9 \_ Design Optimization 2

<b>Date</b>	29 September 2016 (Thursday)
<b>Time</b>	10:00–12:30
<b>Place</b>	Track 4 (#104)
<b>Session Chair: S. Takovitskii</b>	

<b>4.9.1</b>	<b>10:00–10:30</b>	<b>[2016_0345] COLLABORATIVE MULTI-LEVEL MDO PROCESS DEVELOPMENT AND APPLICATION TO LONG-RANGE TRANSPORT AIRCRAFT</b> S. Görtz <sup>1</sup> , C. Ilic <sup>1</sup> , M. Abu-Zurayk <sup>1</sup> , R. Liepelt <sup>1</sup> , J. Jepsen <sup>1</sup> , T. Führer <sup>1</sup> , R. Becker <sup>1</sup> , J. Scherer <sup>1</sup> , T. Kier <sup>1</sup> , M. Siggel <sup>1</sup> ; <sup>1</sup> German Aerospace Center (DLR), Germany
<b>4.9.2</b>	<b>10:30–11:00</b>	<b>[2016_0151] ON MORE EFFECTIVE AERODYNAMIC DATA GENERATION FOR SIMULATION BASED AIRCRAFT CONCEPTUAL DESIGN</b> J. Park <sup>1</sup> , S. Choi <sup>1</sup> , P. Raj <sup>1</sup> ; <sup>1</sup> Virginia Tech, United States
<b>4.9.3</b>	<b>11:00–11:30</b>	<b>[2016_0281] SURROOPT: A GENERIC SURROGATE-BASED OPTIMIZATION CODE FOR AERODYNAMIC AND MULTIDISCIPLINARY DESIGN</b> Z.-H. Han, Northwestern Polytechnical University, China
<b>4.9.4</b>	<b>11:30–12:00</b>	<b>[2016_0712] DEVELOPMENT OF A THREE-DIMENSIONAL TIGHTLY COUPLED EULER/POTENTIAL FLOW SOLVER FOR TRANSONIC FLOW</b> Y.M. Jo <sup>1</sup> , S.H. Park <sup>1</sup> , D.J. Lee <sup>1</sup> ; <sup>1</sup> Korea Advanced Institute of Science and Technology, South Korea