

[04 – Propulsion]

## 7.6 \_ Inlet, Fan and Compressors

<b>Date</b>	28 September 2016 (Wednesday)
<b>Time</b>	09:30–12:00
<b>Place</b>	Track 7 (#107)
<b>Session Chair: S. Pankov</b>	

7.6.1	09:30–10:00	[2016_0548] STUDY ON EFFICIENT FULL ANNULUS URANS COMPUTATIONS OF AN INTAKE COMPRESSOR CONFIGURATION T. Kächele <sup>1</sup> , T. Schneider, MTU Aero Engines AG, Germany; R. Niehuis <sup>1</sup> ; <sup>1</sup> Universität der Bundeswehr, Germany
7.6.2	10:00–10:30	[2016_0623] DESIGN AND DEVELOPMENT OF A MILITARY ENGINE INLET RESEARCH DUCT R.P.M. Rademakers <sup>1</sup> , J.P. Haug <sup>1</sup> , R. Niehuis <sup>1</sup> , M. Stoeßel, Wehrtechnische Dienststelle für Luftfahrzeuge u Luftfahrtgeräte, Germany; <sup>1</sup> Institute of Jet Propulsion (UniBwM), Germany
7.6.3	10:30–11:00	[2016_0628] CHARACTERIZATION OF DISTORTED FLUID FLOW ALONG ADVANCED HIGH-BYPASS PROPULSION SYSTEM Y.K. Song <sup>1</sup> , J. Bayandor <sup>1</sup> ; <sup>1</sup> Virginia Tech, United States
7.6.4	11:00–11:30	[2016_0659] ANALYSES OF AIRFLOW AROUND DUCTED FAN PROPULSION SYSTEM IN PUSHER CONFIGURATION USING PIV METHOD P. Ruchala <sup>1</sup> , K. Bogdanski, Politechnika Warszawska, Poland; W. Stryczniewicz <sup>1</sup> ; <sup>1</sup> Instytut Lotnictwa, Poland
7.6.5	11:30–12:00	[2016_0234] THE INVESTIGATION OF TIP CLEARANCE EFFECTS IN DUCTED ROTOR AERODYNAMIC CHARACTERISTICS USED IN UNMANNED AERIAL VEHICLES X. Li <sup>1</sup> , Z. Guo <sup>1</sup> , Z. Hou <sup>1</sup> ; <sup>1</sup> National University of Defense Technology, China