

[04 – Propulsion]

7.5 _ Turbines

Date	27 September 2016 (Tuesday)
Time	16:00–18:00
Place	Track 7 (#107)
Session Chair: J. Melkert	

7.5.1	16:00–16:30	[2016_0081] NUMERICAL INVESTIGATION OF THE SURFACE ROUGHNESS EFFECTS ON TURBINE VANE HEAT TRANSFER K. Lei ¹ , H. Yang ¹ , H.Y. Li ¹ ; ¹ Beihang University, China
7.5.2	16:30–17:00	[2016_0276] EFFECT OF REYNOLDS NUMBER, OPERATING MODE, TURBULENCE PARAMETERS ON PROFILE AND SECONDARY LOSSES OF LPT A.D. Nepomnyashchiy ¹ , S.V. Suntsov ¹ , S.Y. Danilkin ¹ , V.P. Maslov ¹ ; ¹ Central Institute of Aviation Motors (CIAM), Russia
7.5.3	17:00–17:30	[2016_0382] EFFECT OF THE STRUCTURE OF RADIAL VANE CAVITY ON PERFORMANCE OF TURBINE INTER-VANE BURNER BASED ON JET-VORTEX FLOW H. Tang, Nanjing University of Aeronautics and Astronautics, China
7.5.4	17:30–18:00	[2016_0518] INVESTIGATION THE EFFICIENCY OF VARIOUS COOLING SCHEMES OF HIGH-TEMPERATURE TURBINE BLADES S.V. Kharkovskiy ¹ , A.A. Mukhin ¹ ; ¹ CIAM, Russia