

[02.3 – Basic Fluid Dynamics and Flow Control]

10.7 _ Hypersonic/Transitional Boundary Layers

Date	28 September 2016 (Wednesday)
Time	14:00–15:30
Place	Track 10 (#205)
Session Chair: I. Lipatov	

10.7.1	14:00–14:30	[2016_0536] DIRECT NUMERICAL SIMULATION OF DISTURBANCES IN A THREE-DIMENSIONAL HYPERSONIC NEAR-WALL FLOW OVER FLAT PLATE AND COMPRESSION CORNER A.V. Novikov ¹ , I.V. Egorov ¹ ; ¹ Central Aerohydrodynamic Institute (TsAGI), Russia
10.7.2	14:30–15:00	[2016_0560] STUDY OF THE UNSTEADY STRUCTURES EVOLUTION IN SHOCK WAVE / BOUNDARY LAYER INTERACTION FOR VARIOUS UPSTREAM CONDITIONS P.A. Polivanov ¹ , A.A. Sidorenko ¹ , A.A. Maslov ¹ ; ¹ ITAM SB RAS, Russia
10.7.3	15:00–15:30	[2016_0663] TIME-DEPENDENT SIMULATION OF TRANSITIONAL SWBLI IN HYPERSONIC FLOWS WITH EFFECTS TO HEATING RATES R.O. Bura, Faculty of Mechanical and Aerospace Engineering, ITB, Indonesia