

[05.2 – Flight Dynamics and Control (UAV related)]

9.1 _ UAV Control 1

Date	26 September 2016 (Monday)
Time	10:30–12:00
Place	Track 9 (#204)
Session Chair: D. Maroney	

9.1.1	10:30–11:00	[2016_0516] ADAPTIVE NEURAL NETWORK CONTROLLER DESIGN FOR BLENDED–WING UAV WITH COMPLEX DAMAGE K.J. Kim ¹ , J.M. Ahn, Agency for Defense and Development, South Korea; S.K. Kim ¹ , J.Y. Suk ¹ ; ¹ Chungnam national university, South Korea
9.1.2	11:00–11:30	[2016_0101] MODELING AND CONTROL OF HIGHLY FLEXIBLE FLYING–WING UAV WITH MULTIPLE ELEVONS AND PROPELLERS R. Wang ¹ , X.P. Zhu ¹ , Z. Zhou ¹ , Z.P. Wang ¹ ; ¹ Northwestern Polytechnical University, China
9.1.3	11:30–12:00	[2016_0413] ON SAFETY ASSESSMENT OF NOVEL APPROACH TO ROBUST UAV FLIGHT CONTROL IN GUSTY ENVIRONMENTS V. Golubev ¹ , P. Kazarin ¹ , W. MacKunis ¹ , S. Borener ² , D. Hufty ² ; ¹ ERAU, United States ; ² FAA, United States