

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

9.9 _ UAV Collaborative Operations

Date	29 September 2016 (Thursday)
Time	10:00–12:30
Place	Track 9 (#204)
Session Chair: C. Posse	

9.9.1	10:00–10:30	[2016_0476] VECTOR FIELD GUIDANCE LAW FOR MULTI UNMANNED AGENT COOPERATION W.Y. Jung, KAIST, South Korea
9.9.2	10:30–11:00	[2016_0415] DESIGN THE GUIDANCE LAW FOR FORMATION FLIGHT OF MULTIPLE UAVS H. Shin ¹ , H. Kim ¹ , J. Lee ¹ , D.H. Shim ¹ ; ¹ Korea Advance Institute of Science and Technology, South Korea
9.9.3	11:00–11:30	[2016_0370] NON-COOPERATIVE GROUND VEHICLE TRACKING AND INTERCEPTION BY MULTI-RPA COLLABORATION Y. Watanabe ¹ , A. Manecy ¹ , A. Amiez ¹ , C. Lesire ¹ , C. Grand ¹ ; ¹ ONERA, France
9.9.4	11:30–12:00	[2016_0237] SAMPLING-BASED MOTION PLANNING FOR COOPERATIVE AERIAL MANIPULATION H.I. Kim ¹ , H.B. Lee ¹ , H.J. Kim ¹ ; ¹ Seoul National Univ., South Korea
9.9.5	12:00–12:30	[2016_0231] A NOVEL FLIGHT CONTROL ALGORITHM FOR MULTICOPTERS O. Tekinalp, Middle East Technical University, Turkey; S. Kumbasar, Middle East Technical University, Turkey