

ESA Workshop on Avionics, Data, Control and Software Systems - ADCSS 2007

Friday, 5 October 2007

Atmospheric Re-entry Guidance & Control Needs and Challenges - Newton Conference Center (09:00 - 17:30)

time	[id] title	presenter
09:00	[91] Welcome	ESA/CNES/DRL/CIRA
09:15	[92] Guidance and Control of Re-entry Vehicles	JOUHAUD, ET AL., F.
09:45	[93] Automatic Control for Re-entry Vehicle	CHIARELLI, C.
10:15	[94] GN&C Re-Entry Technologies Needs and Challenges in CIRA-USV Program	VERDE, L.
10:45	Coffee Break	
11:00	[95] Atmospheric Re-entry: a Multifaceted Problem Demanding Multidisciplinary Solutions	CARAMAGNO, ET AL., A.
11:30	[96] Bridging the Gap between Modern Controller Design Techniques and Algorithm Implementation	STRAUCH, H
12:00	[97] Atmospheric Re-entry GNS: Summary of Dassault Experience and Proposals for Technical and Methodological Improvements	GOERIG, L. CANTINAUD, O.
12:30	Lunch Break	
13:30	[98] Robustness Analysis Methods in Parameter Space For System Design and Control Clearance	VERDE, ET AL., L.
14:00	[99] Verification and Validation of Control Laws for Future Re-entry Vehicles: the State-of-the-Art, Future Needs and Future Challenges	BATES, D.
14:30	[100] Goals for European Working Group on GC for Re-entry Vehicles	GANET, M.
15:00	[101] Re-entry Benchmark	ZOLGADRI, ET AL, A.
15:30	Coffee Break	
16:00	[102] Presentation WG Ideas / Round table Collections Needs	