

2009 Brazilian Symposium on Aerospace Engineering and Applications
3rd CTA-DLR Workshop on Data Analysis and Flight Control
September 14-16, 2009 -- São José dos Campos, Brazil

Conference Program

Monday (September 14)			
8:00 – 9:30	Registration		
9:30 – 10:00	Opening Ceremony (Aud. B)		
10:00 – 11:00	Opening Keynote Lecture (L1): "Aerodynamic Modeling from Flight Data Applying System Identification Methodology" – Dr.-Ing. Ravindra Jategaonkar / DLR (Aud. B)		
11:00 – 12:00	Invited Keynote Lecture (L2): "INS/GNSS Integrated Navigation Systems" Prof. Elder M. Hemerly / ITA (Aud. B)		
12:00 – 14:00	Lunch		
14:00 – 14:40	Keynote Lecture (K1): "Observations on Air and Road Vehicle Handling Qualities" Dr.-Ing. Holger Duda / DLR (Aud. B)		
14:40 – 15:40	S4: Aeronautical Systems I (Aud. B)	S5: Flight Test and Identification I (Aud. C)	
15:40 – 16:00	Coffee Break		
16:00 – 16:30	Keynote Lecture (K2): “Process for Certification of a Training Simulator at EMBRAER” Dr. Sérgio Cavalcanti / EMBRAER (Aud. B)		
16:30 – 17:30	S4: Aeronautical Systems II (Aud. B)	S5: Flight Test and Identification II (Aud. C)	
17:30 – 18:30	Welcome Cocktail (Hall)		
Tuesday (September 15)			
8:30 – 9:00	Keynote Lecture (K3): "3D Mission Planning for Low-Flying UAVs" MSc. Florian-Michael Adolf / DLR (Aud. B)		
9:00 – 10:00	S6: Flight Control and UAV Systems I (Aud. C)	S1: Aerodynamics and Propulsion (Aud. B)	S11: Systems Engineering, & Project Management (Aud. Otto Weinbaum)
10:00 – 10:30	Coffee Break		
10:30 – 11:00	Invited Talk: “Fault-Tolerant Flight Control System using Model Predictive Control” Dr.-Ing. Fábio Almeida / GEEV-DCTA (Aud. B)		
11:00 – 12:00	S6: Flight Control and UAV Systems II (Aud. C)	S1: Aerodynamics and Propulsion II (Aud. B)	
12:00 – 14:00	Lunch		
14:00 – 14:30	Keynote Lecture (K4): “Guidance and Control Development Process” Dr. Waldemar de Castro Leite Filho / IAE-DCTA (Aud. B)		
14:30 – 15:30	S2: Aeronautical Structures I (Aud. Otto Weinbaum)	S7: Launch Vehicle and Satellite Control I (Aud. B)	S3: Aeroelasticity and Flex/Structure Control I (Aud. C)
15:30 – 16:00	Coffee Break		
16:00 – 16:30	Keynote Lecture (K6): “Dynamics of Satellites” – Dr. Antônio F. Bertachini A. Prado / INPE (Aud. B)		
16:30 – 17:30	S2: Aeronautical Structures II (Aud. Otto Weinbaum)	S7: Launch Vehicle and Satellite Control II (Aud. B)	S3: Aeroelasticity and Flex/Structure Control II (Aud. C)
17:30 – 18:30	Poster Session (Hall)		
20:00 – 23:00	Conference Dinner (Caesar Business Hotel)		
Wednesday (September 16)			
8:30 – 9:00	Keynote Lecture (K7): Paul Weal / LMS (Aud. B)		
9:00 – 10:00	S8: Fault Detection/Control (Aud. C)	S10: Flight Computer and Software I (Aud. B)	S12: Management and Production Systems I (Aud. Otto Weinbaum)
10:00 – 10:30	Coffee Break		
10:30 – 11:30	CTA-DLR Round Table (Aud. C)	S10: Flight Computer and Software II (Aud. B)	S12: Management and Production Systems II (Aud. Otto Weinbaum)
11:30 – 12:00	Closing Ceremony (Aud. B)		
12:00 – 14:00	Lunch		
14:00 – 16:30	Technical visits (Bus departs from the parking lot)		

Technical visits: on Wednesday afternoon there will be visits to INPE (www.inpe.br), ITA (www.ita.br), GEEV (www.cta.br) and MAB (<http://www.cta.br/mab.htm>). Registration for these visits will be accepted at the conference registration desk on September 14.