

No	Author(s)	Company	Title	Conference/Event	When/where
1	Ing. Martin Sveda	UNIS	Mathematical model of a sensroless BLDC modtor for aerospace actuators	IASTED conference in Canada	26-28 May 2008
2	Peter Eliasson	FOI	EFFECT OF EDGE-BASED DISCRETIZATION SCHEMES IN COMPUTATIONS OF THE DLR F6 WING-BODY CONFIGURATION	AIAA Fluid dynamics conference in Seattle	June 23-26
3	Olivier Amoignon	FOI	AESOP - A Program for Aerodynamic Shape Optimization		
4	Jiri Hlinka	VUT Brno	Experience with Failure Rate Estimates and Component Importance Measures for General Aviation Aircraft Systems	conference "Reliability, safety and diagnostics of transport structures and means 2008" (Pardubice, Czech republic) in September 25-26.	
5	Antonio Pagano	CIRA	Multiobjective Aeroacoustic Optimization of an Aircraft Propeller (Pagano, Federico, Barbarino, Guida, Aversano)	AIAA-2008-6059, 12th AIAA/ISSMO conference, Victoria, BC,	10-12 Sep. 2008
6	Běhal, Makarov	VZLU	Detection of Disbonding of Composite Patch Airframe Repair by Acoustic Emission and Ultrasound	38th International Conference Defektoskopie, 4.-, Brno, Czech Republic	6 Nov 2008
7	Běhal	VZLU	Health Monitoring of Composite Aircraft Structure in the Course of Static Strength Testing	38th International Conference Defektoskopie, Brno, Czech Republic	6 Nov 2008
8	Seitz	DLR	Design of Laminar Transonic Airfoils	Notes on Numerical Fluid Mechanics and Multidisciplinary Design (NNFM, Springer-Verlag	11 Dec 2008
9	Klomp-de Boer, R.	NLR	Development of a Cost Efficient Composite Wingbox for Small Aircraft	the 3rd International IIR Conference "Composite and Lightweight Structures in Aircraft"	6-7 May 2009 Hamburg - Germany
10	Nigel Schofield	UoM	Current Source Inverters for PM Machine Control		

11	Nigel Schofield	UoM	Direct Torque Control of Permanent Magnet Motors Using a Single Current Sensor		
12	Arne Stuermer	DLR	Coupled uRANS and FW-H Analysis of Installed Pusher Propeller Aircraft Configurations	AIAA/CEAS Conference	11-13 May 2009
13	Martin Sveda	UNIS	Development of COTS based engine control system and intelligent actuators for small aircraft	Aerospace Testing	21-23 April 2009
14	V. Hubík	UNIS	Test bench for electrical drives	Measurement 09, Smolenice, Slovakia	20-23 May 2009
15	V. Hubík Martin Sveda Vladislav Singule	UNIS VUT Brnos	SENSOR BLDC MOTOR MODEL IN SIMULINK ENVIRONMENT	IASTED 09 conference in Canada, Not presented	Not presented
16	Jan Kraus	Jihlavan	Half-hot stand-by system as a step to realize on-condition maintenance	?	?
17	Martin Sveda and co-authors	UNIS	Modern Methods of FADEC Design for Aircraft Engines and Certification Aspects	14th International Congress of Propulsion Engineering,	September 14-19, 2009, Rybachye, Ukraine,
18	Martin Sveda and co-authors	UNIS	POWER PLANT CONTROL & MONITORING SYSTEMS FOR SMALL UTILITY AIRCRAFT AND MODERN TRENDS IN ACTUATION	14th International Congress of Propulsion Engineering,	September 14-19, 2009, Rybachye, Ukraine,
19	Michael Scheerer	ARCS	Comparison of different sensor technologies for Ae based impact damage detection	7th Int. Workshop on Structural Health Monitoring	, Stanford University, Stanford, US 09 - 11. Sept 2009
20	Jiří Čečrdle, Ph.D.	VZLU	Optimization Solution for Determination of Whirl Flutter Stability Boundaries	Czech Aerospace Proceedings	November 2009
21	M. Švéda, V. Hubík, I. Szabó	UNIS	Development of Control System for Fuel Metering Pump	Int. Conference IECON 2009, Porto, Portugal	3-5 November 2009
22	M. Švéda, V. Hubík, V. Opluštil, P. Axman, T. Kerlin	UNIS	Model based development of COTS Complex Power-plant Control System	Int. Conference IECON 2009, Porto, Portugal	3-5 November 2009

23	Marian Zabloudil	VZLU	AERODYNAMIC OPTIMIZATION OF AIRFOIL AND WING WITHIN THE CESAR PROJECT IN VZLU	CEAS 2009, Manchester	26.-29 Oct 2009
24	V. Hubik, T. Kerlin, J. Toman	UNIS	Model Based Design for EC motor control	Conference Engineering Mechanics 2009, Svratka, Czech Rep.	11-14 May 2009
25	E.Pietropaoli, A.Riccio, G.Mozzillo	CIRA	ANALYSIS OF THE EFFECTIVENESS OF DIFFERENT FINITE ELEMENT MODELIZATIONS FOR THE SIMULATION OF THE BEHAVIOUR COMPOSITE PLATES IN PRESENCE OF DELAMINATIONS: AN ESSENTIAL STEP TOWARDS A FULLY DAMAGE TOLERANT DESIGN APPROACH	Czech Aerospace Proceedings	November 2009
26	E.Pietropaoli, A.Riccio, A.Raimondo ³ 1	CIRA	A FRACTURE MECHANICS BASED ENERGY APPROACH FOR THE DETERMINATION OF THE DAMAGE TOLERANCE OF A COMPOSITE WING BOX: SENSITIVITY ANALYSIS TO THE DELAMINATION DIMENSION AND POSITION.	Czech Aerospace Proceedings	November 2009
27	Dimino Ignazio, Calabrò Antonio M.1	CIRA	STRUCTURAL DAMAGES IDENTIFICATION BY VIBRATION PARAMETERS ACQUIRED WITH FIBRE OPTIC SENSORS	the Twentieth International Conference on Optical Fibre Sensors, Heriot Watt University, Edinburgh, UK	5-9 October
28	M. Belardo ¹ , M. Pecora ²		NONLINEARITIES IN FLUTTER EVALUATION	Czech Aerospace Proceedings	November 2009
29	E.H. Baalbergen, W.J. Vankan, A. Kanakis	NLR	A practical approach for coordination of multi-partner engineering jobs in the design of small aircraft	Czech Aerospace Proceedings	November 2009
30	Y. Essa, F.M. de la Escalera	Aernnova	FATIGUE TOOL EVALUATION OF SMALL AIRFRAME STRUCTURES	Czech Aerospace Proceedings	November 2009
31	V. Hubik, M. Sveda, V. Oplustil	UNIS	Development of complex electronic control systems using new design approaches based on integrated simulation tools	Czech Aerospace Proceedings	November 2009
32	Kraus	Jihlavan	Solutions to Hydraulic Circuit Diagnostics	Czech Aerospace Proceedings	November 2009
33	M. Debski	IoA	THE IDEA OF CONTINUOUS LOADS AND FATIGUE ESTIMATION OF AIRCRAFT STRUCTURES - AUTONOMOUS	Czech Aerospace Proceedings	November 2009

			LOADS AND FATIGUE RECORDER		
34	Antonio Calabro and Mr. DIMINO IGNAZIO	CIRA	STRUCTURAL DAMAGES IDENTIFICATION BY VIBRATION PARAMETERS AND FIBRE OPTIC SENSORS	Czech Aerospace Proceedings	November 2009
35	T. Hubáček	PBS	MEASUREMENT OF HIGH SPEED GEARBOX DYNAMIC PROPERTIES	Czech Aerospace Proceedings	November 2009
36	Hájek, Zabloudil	VZLÚ	WING OPTIMIZATION CONSTRAINED BY BOUNDARY LAYER SEPARATION USING NONLINEAR LIFTING LINE METHOD	Czech Aerospace Proceedings	November 2009
37	Brouwer	NLR	Analytical method for the computation of the noise from a pusher propeller	16th AIAA/CEAS Aeroacoustics Conference	
38	M. Belardo	CIRA	PRE-TEST ANALYSES FOR FLIGHT FLUTTER TEST OF A CS-23 AIRCRAFT	16th US National Congress on Theoretical and Applied Mechanics	June 2010
39	V. Hubík, M. Švéda, V. Singule	VUT Brno, UNIS	SENSOR BLDC MOTOR MODEL IN SIMULINK ENVIRONMENT	29th IASTED International Conference on Modelling, Identification and Control	February 15 – 17, 2010
40	Valerijan Cokonaj	AERNNOVA	Damage detection on mechanically and thermally loaded FGC panels with new Phased Array Transducers	5th European Workshop on Structural Health Monitoring	in July 2010
41	Klomp-de Boer	NLR	Development of a cost effective composite wingbox for small aircraft	SAMPE conference in Seattle	17-20th May 2010
42	Antonio Calabro	CIRA	Vibration-based Structural Damage Identification by Fibre Optic Sensors	THE THIRD INTERNATIONAL CONFERENCE ON DYNAMICS, VIBRATION AND CONTROL (ICDVC-2010), Hangzhou, China	12-14 MAY 2010
43	Alexander O. Pugachev	TUM	Gradient-Based Optimization of a Turboprop Rotor System with Constraints on Stresses and Natural Frequencies	the 6th AIAA Multidisciplinary Design Optimization Specialists Conference	April 2010

44	Alexander O. Pugachev	TUM	SENSITIVITY ANALYSIS OF SQUEEZE FILM DAMPERS USING REYNOLDS EQUATION	8th IFToMM International Conference on Rotordynamics	2010
45	Michael Scheerer	ARC	Validation of Acoustic Emission on Demand Algorithm for Impact Damage Quantification	the 5th Europ. Workshop on Structural Health Monitoring, Sorrento, Italy	29.06.
46	Michael Scheerer	ARC	Impact Damage Quantification by Analyses of Acoustic Emission Data	14th ECCM, Budapest, Hungary,	07.06. - 10.06.2010
47	Stefanos Giannis	MERL	Development of Fatigue Delamination Onset and Growth Criteria for Damage Tolerant Design of Small Aircraft Composite Structures	14th ECCM, Budapest, Hungary	07 – 10 June 2010.
48	Ondřej Lajza	BUT	CFD Prediction of Performance Degradation for Ice Accretion Contaminated Airfoil	Czech Aerospace Proceedings	April 2009
49	Robert Popela, Ph.D., Petr Doupník	BUT	Response surface method application to transonic business-jet wing optimization	Czech Aerospace Proceedings	April 2009