

number	Type of Activities	Main Leader	Title	Date/Period	Place	Type of Audience	Size of Audience	Countries Addressed	Permanent identifiers4 (if available)	open access provided to this publication?
1	Oral presentation (with a poster support)	Johann Bals, Yang Ji	Y. Ji, A. Pfeiffer, J. Bals, "Optimization based Steady-State Analysis of Switched Power Electronic Systems"	12th IEEE Workshop on Control and Modeling for Power Electronics, June 28-30 2010,	Boulder (USA)	Scientific community, Industry	>100	International		
2	Oral presentation (with a poster support)	Johann Bals, Yang Ji	Novel Modelica Signal Analysis Tool towards Design of More Electric Aircraft	2010 International Conference on Information and Applied Electronics, July 9-11,2010, Chendu China	Chendu (China)	Scientific community, Industry	>100	International		
3	Presentation	v.sethi@cranfield.ac.uk	SGO presentation	Clean Sky JTI United Kingdom Update Session which will be held in London (alongside the IMechE conference) on 17th November 2010	London (UK)	Scientific community, Industry	>50	International		
4	Oral presentation with power point support	Rouwhorst, Wilfred	GSAF in Cleansky	Dutch Cleansky event, organised by AgentschapNL, as part of the Ministry Of Economical Affairs in the Netherlands. Nootdorp, 4th Nov 2010	Nootdorp (Netherlands)	Scientific community, Industry	>100	International		
5	Conference	v.sethi@cranfield.ac.uk	A Multi-Criteria Simulation Framework for Civil Aircraft Trajectory Optimisation	ASME 2010 International Mechanical Engineering Congress & Exposition IMECE 2010 November 12-18, 2010, Vancouver, British Columbia, Canada	Vancouver (British Columbia, Canada)	Scientific community, Industry	>100	International		
6	Oral presentation with power point support	François Larue	Clean Sky, Systems for Green Operations - Electrical Ice Protection Systems	SAE - International Conference on Aircraft and Engine Icing and Ground De-icing, 13-17 June 2011 Chicago, Illinois USA	Illinois (USA)	Scientific community, Industry	>100	International		

7	Conference	D.Nalianda@cranfield.ac.uk	Application of Genetic Algorithm for preliminary trajectory Optimization	SAE Aerotech Conference 18-21 October 2011 in Toulouse. SAE Int. J. Aerosp., November 2011, 4:973-987, doi:10.4271/2011-01-2594	Toulouse (France)	Scientific community, Industry	>100	International		
8	Support for Oral presentation	Roger gent	Analysis for the design and test of an ice protection system for a scoop intake	Aircraft icing and ground de-icing conference, organised by the American SAE group, and to be held in Chicago, June 2011	Chicago (USA)	Scientific community, Industry	>100	International		
9	Support for Oral presentation	Roger gent	The Building Blocks for a Hybrid ElectroThermal-ElectroMechanical Simulation Tools	Aircraft icing and ground de-icing conference, organised by the American SAE group, and to be held in Chicago, June 2011	Chicago (USA)	Scientific community, Industry	>100	International		
10	Conference paper + ppt support	Walper, Guenter	TECHNOLOGY DEMONSTRATIONS FOR AIRCRAFT Energy Systems	AST 2011 Hamburg March 2011	Hamburg (germany)	Scientific community, Industry	>100	International		
11	Oral presentation		Clean Sky round table on green systems where the airframer presented the R&T perspective on the more electrical aircraft	Paris Air Show	Paris (france)	Scientific community, Industry	>100	International		
12		Rafael Fernandes de Oliveira and Christof Büskens	Towards real-time flight trajectory optimization: a practical case study	Conference: 25th IFIP TC7 Conference on System Modeling and Optimization - 2011	2011	Scientific community, Industry	>100	International		
13	Conference Paper & Presentation	Rafael Fernandes de Oliveira and Christof Büskens	On-Board Trajectory Optimization of RNAV Departure and Arrival Procedures Concerning Emissions and Population Annoyance	SAE 2011 AeroTech Congress & Exhibition	2011	Scientific community, Industry	>100	International		
14	Conference Paper & Presentation	Rafael Fernandes de Oliveira and Christof Büskens	Emission-optimal flight trajectories with weather hazard avoidance and 4D wind modeling	CEAS 2011 - The international Conference of the European Aerospace societies	2011	Scientific community, Industry	>100	International		
15	Presentation	v.sethi@cranfield.ac.uk	Application of Genetic Algorithm for Preliminary Trajectory Optimization	SAE 2011 Aerotech Congress and Exhibition, SAE-2011-01-2594, Toulouse, France.	Toulouse (France)	Scientific community, Industry	>100	International		
16	Conference Paper & Presentation	Y. Ji and J. Bals	1 - Optimal Control Design for Switched Reluctance Machines with Right-sized Modelling 2 - Advanced generator design using Pareto-optimization	9 <sup>th</sup> IEEE International Conference on Power Electronics and Drive Systems, 05-08 December, 2011	2011	Scientific community, Industry	>100	International		

17	Oral presentation with power point support	Mohand Hamiti eazmoh@exmail.nottingham.ac.uk	A high performance traction machine for aircraft application	University of Nottingham PEMC Research Group Annual Conference on 20th December	Nottingham (UK)	Scientific community, Industry	>100	International		
18	Oral presentation	Wilfred Rouwhorst wilfred.rouwhorst@nlr.nl	Green Continuous Descent Operations (CDO's)	Dutch mini-symposium on 13th of March 2012, at NLR, Amsterdam	Amsterdam (Netherlands)	Scientific community, Industry	>100	International		
19	Conference Paper & Presentation	damico@elet.polimi.it	The CLEOPATRA project: a new radar simulator	RADAR 2012 conference - 22 to 25 October 2012	2012	Scientific community, Industry	>100	International		
20	Oral presentation	Dennis Zeilstra, dennis.zeilstra@aeronamic.com	Light-weight starter/generator for helicopter application	Dutch mini-symposium on 13th of March 2012, at NLR, Amsterdam	Amsterdam (Netherlands)	Scientific community, Industry	>100	International		
21	Conference Paper & Presentation	Martin van der Geest (m.vandergeest@tudelft.nl)	Optimization and Comparison of Electrical Machines using Particle Swarm Optimization	International Conference on Electrical Machines, September 2-5, 2012.	2012	Scientific community, Industry	>100	International		
22	Conference Paper & Presentation	Martin van der Geest (m.vandergeest@tudelft.nl)	Design Considerations for Hybrid-Excited Flux-Switching Machines	'Young Researchers Symposium 2012' Delft, Netherlands on 16-17 April, 2012	Delft (Netherlands)	Scientific community, Industry	>100	International		
23	Support for Oral presentation	sander.heblij@nlr.nl	A weather dependent noise contour prediction concept: combining a standard method with ray tracing	EURONOISE 2012: Ninth European Conference on Noise Control Prague, Czech Republic, 10-13 June 2012	Prague (Czech Republic)	Scientific community, Industry	>100	International		
24	Conference Paper & Presentation	sebastian.seemann@eads.net, markus.christmann@eads.net, peter.jaenker@eads.net	Monitoring Concept for a Fault-tolerant Actuation System	R3ASC'12 International Conference, Toulouse	Toulouse (France)	Scientific community, Industry	>100	International		
25	Conference Paper & Presentation	alexander.naubert@eads.net, markus.christmann@eads.net, peter.jaenker@eads.net	Pyrotechnic Jam-Relief Mechanism for Electromechanical Actuators in Flight Control Applications	Actuator 2012 Conference, Bremen (18-20 June 2012)	Bremen (Germany)	Scientific community, Industry	>100	International		
26	Conference Paper & Presentation	Michael Rottach (PEMC) University of Nottingham, University Park, Nottingham NG7 2RD Telephone +44(0)115 8468840 Email Michael.rottach@nottingham.ac.uk	Optimisation of an Aerospace Electromechanical Actuator with Focus on Non-Linear Modelling of the Electrical Machine	Recent Advances in Aerospace Actuation Systems and Components, June 13-14, 2012, Toulouse, France	Toulouse (France)	Scientific community, Industry	>100	International		
27	Conference Paper & Presentation	Tao Yang (tao.yang@nottingham.ac.uk)	Dynamic Phasor Modeling of Autotransformer Rectifier Units for More Electric Aircraft	June 2012	2012	Scientific community, Industry	>100	International		

28	Conference Paper & Presentation	rafael.oliveira@eads.net	Onboard optimal flight planning minimizing environmental impact and operational costs	AIAA GNC conference, August 2012.	2012	Scientific community, Industry	>100	International		
29	Poster	flavio.fusco@selexgalileo.com	poster describing technologies under development (A-WXR and Q-AI)	Farnborough Airshow 2012, July 2012	Farnborough (UK)	Scientific community, Industry	>100	International		
30	Conference Paper & Presentation	kenneth.chircop@um.edu.mt	GATAC – A Generic Framework for Multi-Parameter Optimization of Flight Trajectories	AIAA GNC/MST conference, August 2012	2012	Scientific community, Industry	>100	International		
31	Conference Paper & Presentation	matthew.j.sammot@um.edu.mt	Optimization of Fuel Consumption in Climb Trajectories using Genetic Algorithm Techniques	AIAA GNC/MST conference, August 2012	2012	Scientific community, Industry	>100	International		
32	Conference Paper & Presentation	kenneth.chircop@um.edu.mt	Design and Validation of a Detailed Aircraft Performance Model for Trajectory Optimization	AIAA GNC/MST conference, August 2012	2012	Scientific community, Industry	>100	International		
33	Conference Paper & Presentation	daniel.schlabe@dlr.de	Towards a Model-Based Energy System Design Process	"SAE power system conference" (Phoenix, Arizona, USA) - 30. October 2012	Arizona (USA)	Scientific community, Industry	>100	International		
34	Conference Paper & Presentation	Gabriella Serafino gabriella.serafino@selexgalileo.com	Effects of weather condition on aircraft emission in climb phase	31st DASC 2012 conference, October 14-18 2012 in Williamsburg, VA.	Williamsburg (USA)	Scientific community, Industry	>100	International		
35	Conference Paper & Presentation	sander.heblj@nlr.nl and michael.arntzen@nlr.nl	A weather dependent noise contour prediction concept: Calculating multi-event noise contours with ray-tracing	AIAA ATIOMAO conference in Indianapolis on 17-19 September 2012	Indianapolis (USA)	Scientific community, Industry	>100	International		
36	Conference Paper & Presentation	martin.kuhn@dlr.de montacer.rekik@fr.thalesgroup.com johann.bals@dlr.deModelling	Modelling and Use of an Aircraft EI. Network Sim. for Harmonics Consideration in Generator Design	"SAE power system conference" (Phoenix, Arizona, USA)	Phenix (Arizona, USA)	Scientific community, Industry	>100	International		
37	Conference Paper & Presentation	Serhiy Bozhko (Greg Asher and Tao Yang) Faculty of Engineering, University of Nottingham, England, Serhiy.Bozhko@nottingham.ac.uk/	Modeling of an 18 Pulse Autotransformer Rectifier Unit with Dynamic Phasors	October / November 2012	2012	Scientific community, Industry	>100	International		
38	Conference Paper & Presentation	Serhiy Bozhko (Greg Asher and Tao Yang) Faculty of Engineering, University of Nottingham, England, Serhiy.Bozhko@nottingham.ac.uk	Application of Dynamic Phasors for Modeling of Active Front End Converter for More Electric Aircraft	41153	2012	Scientific community, Industry	>100	International		

39	Conference Paper & Presentation	Serhiy Bozhko (Greg Asher and Tao Yang) Faculty of Engineering, University of Nottingham, England. Serhiy.Bozhko@nottingham.ac.uk	Modeling of Uncontrolled Rectifiers Using Dynamic Phasors	September 2012	2012	Scientific community, Industry	>100	International		
40	Conference Paper & Presentation	sebastian.seemann@eads.net	Modeling of a Fault-Tolerant Electromechanical Actuation System for Helicopters using Modelica	16-18 October 2012	2012	Scientific community, Industry	>100	International		
41		Graham Dodds, graham.dodds@eads.com, +44 1633 715203	HEMAS	10 April 2013, UK Magetics Society and IET	2013	Scientific community, Industry	>100	International		
42	Conference Paper & Presentation	TÖBBEN, Helmut, helmut.toebben@dlr.de	The impact of new propulsion systems: Benefit of the Electric Taxi powered by a fuel cell	13th ODAS, Palaiseau, France, Mai 2013	Palaiseau (France)	Scientific community, Industry	>100	International		
43	Conference Paper & Presentation	TÖBBEN, Helmut, helmut.toebben@dlr.de	Operational and environmental assessment of the electric taxi based on fast-time simulation	TRB 92nd Annual Meeting, Washington D.C., USA, January 2013	Washington D.C. (USA)	Scientific community, Industry	>100	International		
44	Conference Paper & Presentation	Paul M.A. de Jong (p.m.a.dejong@tudelft.nl)	Time and Energy Management during Descent and Approach: Human vs. Automated Response	ATM Seminar 2013, Chicago, IL (June 10 - 13)	Chicago (USA)	Scientific community, Industry	>100	International		
45	Conference Paper & Presentation	Naubert, Alexander, alexander.naubert@eads.net; Markus, Christmann, markus.christmann@eads.net; Peter, Jänker, peter.jaenker@eads.net; Hansgeorg, Binz, hansgeorg.binz@iktd.uni-stuttgart.de	ANTI-JAMMING PYROMECHANISM FOR ELECTROMECHANICAL ACTUATORS	4th International Workshop on Aircraft System Technologies (AST 2013), April 23-24, 2013, Hamburg, Germany	Hamburg (Germany)	Scientific community, Industry	>100	International		
46	conference presentation	E-mail : gilles.poussin@fr.thalesgroup.com / sebastien.vial@airbus.com	SGO WP3.4 concepts presentation to X-Noise	During X-noise conference on March, 18th 2013.	2013	Scientific community, Industry	>100	International		
47	Conference	Andreas ECKEL andreas.eckel@tttech.com +43 1 585 34 34 16	TTTech has a table and poster wall where we will present SafePEM results	2013-01-21 to 2013-01-23 / annual	2013	Scientific community, Industry	>100	International		
48	Conference	Andreas ECKEL andreas.eckel@tttech.com +43 1 585 34 34 16	TTTech has a booth where dissemination material will be available and results will also be communicated directly to interested participants / visitors	26-02-2013 to 28-02-2013 /annual	2013	Scientific community, Industry	>100	International		
49	Exhibition & Conference	Andreas ECKEL andreas.eckel@tttech.com +43 1 585 34 34 16	TTTech has a booth where dissemination material will be available and results will also be communicated directly to interested participants / visitors	17-06-2013 to 23-06-2013/ every 2 years	2013	Scientific community, Industry	>100	International		
50	Conference	Paul de Jong, p.m.a.dejong@tudelft.nl	Paper + Presentation	10-13 June 2013	2013	Scientific community, Industry	>100	International		

51	Scientific conference on all transportation modes.	Helmut Többen, helmut.toebben@dlr.de, +49 531 295-2932	Full paper (reviewed) accepted, presentation held during the conference	January 13-17, 2013	2013	Scientific community, Industry	>100	International		
52	Scientific conference on up-to-date research topics.	Helmut Többen, helmut.toebben@dlr.de, +49 531 295-2932	Full paper and presentation during the conference intended	Mai 27-29, 2013	2013	Scientific community, Industry	>100	International		
53	Paris Air Show 2013	G. Poussin	Powerpoint summarizing SGO content and results	17/23 June 2013	2013	Scientific community, Industry	>100	International		
54	conference and exhibition	h.g.visser@tudelft.nl	Conference Paper and Presentation	7-11 July 2013	2013	Scientific community, Industry	>100	International		
55	Presentation	c.p.lawson@cranfield.ac.uk	Automated Intent Negotiation and Validation System for 4-Dimensional Trajectory Based Operations	European Navigation Conference (ENC) 2013, Vienna, Austria (April 23 - 25)	Vienna (Austria)	Scientific community, Industry	>100	International		
56	Presentation	c.p.lawson@cranfield.ac.uk	A Novel Flight Management System for SESAR Intent Based Operations	European Navigation Conference (ENC) 2013, Vienna, Austria (April 23 - 25)	Vienna (Austria)	Scientific community, Industry	>100	International		
57	Presentation	c.p.lawson@cranfield.ac.uk	Novel Flight Management System for Real-Time 4-Dimensional Trajectory Based Operations.	AIAA Guidance, Navigation and Control Conference, Boston, Massachusetts, USA., 2013 (August 19 - 22)	Boston (Massachusetts, USA)	Scientific community, Industry	>100	International		
58	Presentation	c.p.lawson@cranfield.ac.uk	4-Dimensional Trajectory Negotiation and Validation System for the Next Generation Air Traffic Management	AIAA Guidance, Navigation and Control Conference, Boston, Massachusetts, USA., 2013 (August 19 - 22)	Boston (Massachusetts, USA)	Scientific community, Industry	>100	International		
59	Presentation	c.p.lawson@cranfield.ac.uk	Environmental Impact Assessment, on the Operation of Conventional and More Electric Large Commercial Aircraft	SAE 2013 Aerotech Congress & Exhibition 2013 (September 24 - 26)	2013	Scientific community, Industry	>100	International		
60	DASC 2013	Paul de Jong, p.m.a.dejong@tudelft.nl	32nd Digital Avionics Systems Conference (DASC), Syracuse, NY	2013	Syracuse (New York, USA)	Scientific community, Industry	>100	International		
61	Conference		1. Control design for PMM starter-generator operated in flux-weakening mode	UPEC 2013	2013	Scientific community, Industry	>100	International		
62	Conference		2. Evaluation of Motor-Drive Segmentation Strategies for Fault-Tolerance	ECCE2013.	2013	Scientific community, Industry	>100	International		
63	Conference		3. Stability Analysis of Aircraft Electrical Power System with Active Front Rectifier System in Generation Channel	UPEC 2013.	2013	Scientific community, Industry	>100	International		
64	Conference		4. Arc fault studies and modeling for a DC distribution system	IEEE-APPEEC 2013	2013	Scientific community, Industry	>100	International		

65	Conference		5. Optimal LCL Filter Design for 3-phase Space Vector PWM Rectifiers on Variable Frequency Aircraft Power System	EPE 2013.	2013	Scientific community, Industry	>100	International		
66	Conference		6. Modelling and Robust Stability Analysis of Uncertain Systems	GCMS 2013	2013	Scientific community, Industry	>100	International		
67	Conference		7. Multi-Generator System Modelling Based on Dynamic Phasor Concept	EPE 2013.	2013	Scientific community, Industry	>100	International		
68	Conference		8. Torque Density Improvements for High Performance Machines	IEMDC 2013.	2013	Scientific community, Industry	>100	International		
69	Conference		9. Considerations for Manufacturing and Experimental Validation of a PM, Tubular Motor for a Matrix Converter Driven Aerospace Application	LDIA 2013.	2013	Scientific community, Industry	>100	International		
70	Conference		10. Experimental study of parasitic inductance influence on SiC MOSFET switching performance in Matrix converter	EPE2013	2013	Scientific community, Industry	>100	International		
71	Conference		11. Automatic design optimisation for power electronics modules based on rapid dynamic thermal analysis	EPE 2013.	2013	Scientific community, Industry	>100	International		
72	Conference	E-mail : philip.jordan@tuhh.de, schmitz@tuhh.de	A Modelica Library for Scalable Modelling of Aircraft Environmental Control Systems	10th International Modelica Conference 2014, Lund, Sweden, 10-12 March 2014	Lund (Sweden)	Scientific community, Industry	>100	International		
73	Conference	E-mail : Lars.Rundqwist@saabgroup.com Presented by jan.ia.carlsson@saabgroup.com	Electromechanical Wing Ice Protection for Large Aircraft	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
74	Conference	E-mail : adri.marsman@nlr.nl	TEMO improves benefits of CDAs, next step towards TRL-5	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
75	Conference	E-mail : martin.kuhn@dlr.de	Modelica for large scale aircraft electrical network V&V	10th International Modelica Conference 2014, Lund, Sweden, 10-12 March 2014	Lund (Sweden)	Scientific community, Industry	>100	International		
76	Conference	Xavier Benoit, xbenoit@adetelgroup.com, phone: +33 472 180 845 - mobile: +33 680 589 466	SOG PEERS (Power Electronics with Energy Recycling System)	Aeronautic TechDays	2014	Scientific community, Industry	>100	International		
77	Conference	E-mail : patrice.nevoret@safranmbd.com & sylvain.jaber@safranmbd.com	Smart Operations on Ground	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
78	Conference	E-mail : sebastien.vial@airbus.com	More Electric aircraft: A status on Clean Sky breakthroughs	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
79	Conference	Michael Rottach, ezmr2@exmail.nottingham.ac.uk	Design Optimisation of the Electrical Drive-Train of a Fault-Tolerant Rotorcraft EMA	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes

80	Conference	Michael Rottach, ezzmr2@exmail.nottingham.ac.uk	Helicopter EMA Systems : Electrical Drive Optimisation and Test	Recent Advances for Aerospace Actuator Systems and Components (R3ASC) Conference	2014	Scientific community, Industry	>100	International		
81	Conference	Xavier Prats: Xavier.Prats@upc.edu	Enhancement of a time and energy management algorithm for continuous descent operations	14th (AIAA Aviation Technology, Integration, and Operations Conference) ATIO 2014 conference	2014	Scientific community, Industry	>100	International		
82	Conference	E-mail : thomas.muening@iktd.uni-stuttgart.de	Challenges of the sizing of ballscrews for their use in the primary flight control system of a helicopter	58 <sup>th</sup> Ilmenau Scientific Colloquium (ISC)	2014	Scientific community, Industry	>100	International		
83	Conference	C.P.Lawson@cranfield.ac.uk	AN INTELLIGENT ICE PROTECTION SYSTEM FOR NEXT GENERATION AIRCRAFT TRAJECTORY OPTIMISATION	29th Congress of the International Council of the Aeronautical Sciences (ICAS)	2014	Scientific community, Industry	>100	International		
84	Conference	C.P.Lawson@cranfield.ac.uk	AIRFRAME SYSTEMS POWER OFF-TAKE MODELLING IN MORE-ELECTRIC LARGE AIRCRAFT FOR USE IN TRAJECTORY OPTIMISATION	29th Congress of the International Council of the Aeronautical Sciences (ICAS)	2014	Scientific community, Industry	>100	International		
85	Conference	daniel.schlabe@dlr.de	Development of Model-Based Thermal Management Functions for Aircraft Systems	SAE 2014 Aerospace Systems and Technology Conference	2014	Scientific community, Industry	>100	International		
86	Conference	E-mail : wilfred.rouwhorst@nlr.nl	Real-time aircraft continuous descent trajectory optimization with ATC time constraints using direct collocation methods	29th Congress of the International Council of the Aeronautical Sciences (ICAS)	2014	Scientific community, Industry	>100	International		
87	Conference	Pericle Zanchetta pericle.zanchetta@nottingham.ac.uk	Integrated Design by Optimization of Electrical Systems – A Research Overview	SAE 2014 Aerospace Systems and Technology Conference	2014	Scientific community, Industry	>100	International		



88	Conference	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	POLARIMETRIC AVIONIC WEATHER RADAR FOR INCREASING FLIGHT SAFETY AND EFFICIENCY	29th Congress of the International Council of the Aeronautical Sciences (ICAS)	2014	Scientific community, Industry	>100	International		
89	Conference	E-mail : yang.ji@dlr.de	A Novel Modelica Based Design Platform for Switched Reluctance Drive Systems	The 17th International Conference on Electrical Machines and Systems	2014	Scientific community, Industry	>100	International		
90	Conference	E-mail : yang.ji@dlr.de	Model based system level studies of More Electric Aircraft	SAE 2014 Aerospace Systems and Technology Conference	2014	Scientific community, Industry	>100	International		
91	Conference	Michael Rottach, ezmr2@exmail.nottingham.ac.uk	Design Optimisation of a Fault-Tolerant PM Motor Drive for an Aerospace Actuation Application	PEMD2014	2014	Scientific community, Industry	>100	International		
92	Conference		A Multi-Disciplinary Virtual Prototyping Design Tool for Power Electronics	CIPS 2014	2014	Scientific community, Industry	>100	International		
93	Conference		15. An optimised bi-directional wide speed range electric starter-generator for aerospace application	PEMD2014	2014	Scientific community, Industry	>100	International		
94	Conference	A Filippone	Challenges in A/C noise PRediction	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
95	Conference	», S. Bozhko	DEvelopment of A/C Electric Starter-Generator System with Active Rectification technology	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
96	Conference	JF Li	Packaging / Assembling technology for a high performance Sic-based planar power module	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
97	Conference	D. Zimmer	Model Exchange in Industrial Practice	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
98	Conference	R. de Maglie	Power electronics technology modules for successful implementation in the more electric aircraft	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
99	Conference	Gilles Poussin	ATR : green trajectories for a green aircraft	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
100	Conference	F. Re	An object-oriented simulation-based method for development and assessment of green taxiing systems	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
101	Conference	MR Kuhn	Next generation design framework for the A/C electric power system	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
102	Conference	M. Galea	Design and development of an aircraft taxi motor-drive	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes

103	Conference	K. Benmachou	Skin heat exchanger for liquid loop application	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
104	Conference	S. Bozhko	Functional Modelling of Aircraft Electric Power Systems using Dynamic Phasors	3AF Greener Aviation Conference 2014	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
105	Conference Paper & Presentation	Gabriella Serafino gabriella.serafino@selex-es.com	MULTI-OBJECTIVE TRAJECTORY OPTIMIZATION TO REDUCE AIRCRAFT EMISSIONS IN CASE OF UNFORESEEN WEATHER EVENTS	29th ICAS 2014 conference, 7-12 September, St.Petersburg, Russia	St.Petersburg (Russia)	Scientific community, Industry	>100	International		
106	Conference	Rémy OUAIDA	Current Limiting Device To Address DC Aeronautic Power Distribution System	MEA15 -Toulouse	Toulouse (France)	Scientific community, Industry	>100	International		
107	Conference Paper & Presentation	Gabriella Serafino gabriella.serafino@selex-es.com	Effects of weather condition on aircraft emission in climb phase	MESAS 2015 conference, 29-30 April, Prague, Repubblica Ceca	Prague (Czech Republic)	Scientific community, Industry	>100	International		
108	Conference	Sebastian Seemann	HEMAS - Dynamic Ground Demonstrator for Electromechanical Swashplate Actuation	Aerodays London, Oct 2015	London (UK)	Scientific community, Industry	>100	International		yes
109	Conference	Sebastian Seemann	Alternative Rating Life Calculation for Rolling Elements and its Influence on Electromechanical Actuators	Aerodays London, Oct 2015	London (UK)	Scientific community, Industry	>100	International		yes
110	Conference	Davide Barater	Multistress characterization of insulation aging mechanisms in aerospace electric actuators	Publication date to be confirmed	2015	Scientific community, Industry	>100	International		
111	Conference/Poster	Robert Lowndes	Thermal Stresses of Conformal Coatings on Printed Circuit Boards	Electrical Insulation Conference 2015	2015	Scientific community, Industry	>100	International		
112	Conference/Poster	Christopher Emersic	Degradation of printed circuit board coatings due to partial discharge Power Control System	Electrical Insulation Conference 2015	2015	Scientific community, Industry	>100	International		
113	Conference/Poster	Richard Gardner	Comparison of Power Frequency and Impulse Based Partial Discharge Measurements on a Variety of Aerospace Components at 1000 and 116 mbar	Electrical Insulation Conference 2015	2015	Scientific community, Industry	>100	International		
114	Conference	Vincent GERBAUD	Flash point prediction for mixtures	JETC to be held in Nancy, 20-22 may 2015	Nancy (France)	Scientific community, Industry	>100	International		
115	Conference	Jean Marie Aubry	Comparative approach in the efficient prediction of a binary azeotropic point by COSMO-RS	ECCE 10. European Symposium on Chemical Engineering	2015	Scientific community, Industry	>100	International		
116	Conference	P. Weaver / A. Ellmore / K. Albertsen	High temperature capacitors for power electronics	Dielectrics 2015, 22-24 April 2015	2015	Scientific community, Industry	>100	International		

117	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	Polarimetry applied to avionic weather radar: improvement on meteorological phenomena detection and classification	Digital Communications - Enhanced Surveillance of Aircraft and Vehicles (TIWDC/ESAV), 2011 Tyrrhenian International Workshop on	2011	Scientific community, Industry	>100	International		
118	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	Digital Pulse Compression Waveform Applied to Avionic Polarimetric Weather Radar	IRS 2012, International Radar Symposium	2012	Scientific community, Industry	>100	International		
119	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	Validation of the Advanced Polarimetric Doppler Weather Radar Simulator with Polar55C real observations	IRS 2014, International Radar Symposium	2014	Scientific community, Industry	>100	International		
120	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	'Advanced Polarimetric Doppler Weather Radar Simulator	IRS 2014, International Radar Symposium	2014	Scientific community, Industry	>100	International		
121	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	The X-WALD project: Towards a Cleaner sky	IEEE, European Microwave Conference (EuMC), 2014	2014	Scientific community, Industry	>100	International		
122	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	Capabilities and Potential of an Avionic Polarimetric Weather Radar Simulator	Signal Processing Symposium 2015, Debe, Poland	2015	Scientific community, Industry	>100	International		
123	Exhibition & Conference & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	Polarimetric radar for civil aircrafts to support pilots' decision in bad weather conditions	IEEE, The International Geoscience and Remote Sensing Symposium 2015 (IGARSS 2015), Milan, Italy	2015	Scientific community, Industry	>100	International		
124	Conference	Francois Larue	Primary Ice Detection Systems	SAE AC9C Oct 2014	2014	Scientific community, Industry	>100	International		
125	Conference	Francois Larue	New Optical Ice & Icing Conditions Alerting Systems	SAE International Icing Conference	2015	Scientific community, Industry	>100	International		
126	Support for Oral presentation	Roger Gent		SAE 2015 International Conference on Icing of Aircraft, Engines, and Structures. Prague June 2015	Prague (Czech Republic)	Scientific community, Industry	>100	International		
127	conference presentation	jerome.faucher@airbus.com	More Electric aircraft: A status on Clean Sky breakthroughs	MEA 2015 conference, Toulouse, on Feb 03 to 05, 2015	Toulouse (France)	Scientific community, Industry	>100	International		

128	conference presentation	Walper, Guenter Kader Benmachou	FLIGHT TEST OF AN EXPERIMENTAL (LIQUID TO AIR) SKIN HEAT EXCHANGER	AST 2015 conference at Hamburg, Feb 24-25	Hamburg (germany)	Scientific community, Industry	>100	International		
129	conference presentation	E-mail : ajennert@synopsys.com, jerome.faucher@airbus.com	Simulation platform development for Aircraft Electrical Network in CLEAN SKY SGO	Saber - Electrical and Multi-Physics System Simulation Seminar conference on 30 September 2015 in Paris	2015	Scientific community, Industry	>100	International		
130	Conference	Emmanuel Scolan	Fabrication of Functional Nanostructured Polymer and Hybrid Components	Polymer Replication on Nanoscale 2015	2015	Scientific community, Industry	>100	International		
131	Conference	Emmanuel Scolan	Fabrication of submicro-/nano-structured surfaces with enhanced performances	Swiss Nanoconvention 2015	2015	Scientific community, Industry	>100	International		
132	Conference	Emmanuel Scolan	Design of Icephobic coatings	Aerodays 2015	2015	Scientific community, Industry	>100	International		yes
133	Conference	v.sethi@cranfield.ac.uk	On Trajectory Optimisation for Reducing the Impact of Commercial Aircraft Operations on the Environment	19th Conference of the International Society for Air Breathing Engines	2009	Scientific community, Industry	>100	International		
134	Conference	v.sethi@cranfield.ac.uk	Multi-Objective Optimisation of a constrained 2000 km Trajectory using Genetic Algorithms	3rd CEAS Air & Space Conference	2011	Scientific community, Industry	>100	International		
135	Conference	d.zammit-mangion@cranfield.ac.uk	Bi-objective Pseudospectral Optimal Control techniques for Aircraft Trajectory Optimisation	ICAS Congress 2012	2012	Scientific community, Industry	>100	International		
136	Conference	d.zammit-mangion@cranfield.ac.uk	City-Pair Trajectory Optimization in the Presence of Winds using the GATAC Framework	AIAA Guidance, Navigation and Control (GNC) Conference 2013	2013	Scientific community, Industry	>100	International		
137	Conference	C.P.Lawson@cranfield.ac.uk	Trajectory Optimization of Airliners to Minimize Environmental Impact	SAE AeroTech, Seattle, Sept 2015	Seattle (USA)	Scientific community, Industry	>100	International		
138	Oral presentation	Oriol Lehmkuhl	New Parallel Method for adjacent disconnected unstructured 3D meshes	International Conference Parallel Computational Fluid Dynamics	2015	Scientific community, Industry	>100	International		
139	Conference	BAS, Eduardo	"INDRA_ AIRBORNE SYSTEMS & EQUIPMENT". Presentation of Indra activities and current projects on track, including information of the AIR project and CleanSky frame.	2015 IEEE ICIT; Industrial Forum Sevilla, March 2015. Sevilla, 18th March 2015	Sevilla (Spain)	Scientific community, Industry	>100	International		

140	Conference	BAS, Eduardo	"EVOLUTION OF ELECTRICAL NETWORKS ON-BOARD, FUTURE CHALLENGES AND INDRA'S RESPONSE". Explanation of how electrical architectures in airborne system has been evolved and Indra current projects on track, including information of AIR project information, and answer these points.	2015 SINASA Congress of the Sevilla University. Sevilla, 16th April 2015	Sevilla (Spain)	Scientific community, Industry	>100	International		
141	Conference	BAS, Eduardo	"EVOLUTION OF ELECTRICAL NETWORKS ON-BOARD, FUTURE CHALLENGES AND INDRA'S RESPONSE". Explanation of how electrical architectures in airborne system has been evolved and Indra current projects on track, including information of AIR project information, and answer these points.	CEI-UPM Annual Meeting. "Centro de Electrónica Industrial" of the Politechnic University of Madrid. Madrid, 17th April 2015	Madrid (Spain)	Scientific community, Industry	>100	International		
142	Conference	DIAZ, Javier	"FP Dual Education, Indra presentation, projects on track and new challenges". Additionally to the lines of collaboration between Indra and this education center, a presentation of Indra activities, facilities and current projects on track, including information of the AIR project and CleanSky frame.	Presentation and collaboration agreement between "Indra" and "FP Center and Secondary School center Salesianos-LOYOLA" Aranjuez (Madrid), 20th April 2015	Madrid (Spain)	Scientific community, Industry	>100	International		
143	Conference	Bogdan Gherman	Jet pump optimization through Reynolds averaged Navier - Stokes analysis	22nd AIAA Computational Fluid Dynamics, Dallas, TX, USA, 22-26 June 2015	Dallas (Texas, USA)	Scientific community, Industry	>100	International		
144	Workshop	Bernhard Semlitsch & Mihai Mihaescu	Functional Modelling of Aircraft Electric Power Systems using Dynamic Phasors	Annual Linne FLOW Center Meeting, 8-9 January 2014	2014	Scientific community, Industry	>100	International		
145	Workshop Presentation	Bernhard Semlitsch & Mihai Mihaescu	Compressible Jet Flows by Large Eddy Simulations	Annual Linne FLOW Center Meeting, 8-9 January 2014	2014	Scientific community, Industry	>100	International		
146	Conference paper and oral presentation	G. Aubard	Online health monitoring of metallized polymer film capacitors for avionics applications	International Symposium on industrial electronics (ISIE) 2015	2015	Scientific community, Industry	>100	International		
147	Conference	G. Aubard	Lifetime estimation of high-temperature high voltage polymer film capacitor based on capacitance loss	Conference: European Symposium on Reliability of Electron Devices, Failure Physics and Analysis (ESREF) 2015 Paper: Elsevier, microelectronics reliability	2015	Scientific community, Industry	>100	International		

148	Air Show	Sebastian Ziehm	Hardware exposition of HEMAS Actuator	Paris Air Show 2015	Paris (france)	Scientific community, Industry	>100	International		
149	Conference	Sebastian Ziehm	Hardware exposition of HEMAS Actuator	Aerodays London, Oct 2015	London (UK)	Scientific community, Industry	>100	International		yes
150	International Workshop poster	James Borg Bartolo, Piotr Klimczyk	An Investigation into the Geometric Parameters Affecting Field Uniformity in Four Pole Magnetisers	13th International Workshop on 1&2 DM Magnetic Measurement and Testing in Turin, 2014.	Turin (Italy)	Scientific community, Industry	>100	International		
151	International Workshop accepted paper for publishing	James Borg Bartolo, Piotr Klimczyk	An Investigation into the Geometric Parameters Affecting Field Uniformity in Four Pole Magnetisers	13th International Workshop on 1&2 DM Magnetic Measurement and Testing in Turin, 2014.	Turin (Italy)	Scientific community, Industry	>100	International		
152	Conference	wilfred Rouwhorst	TEMO FLIGHT TRIALS DEMONSTRATING CDAs FOR HIGH CAPACITY AIRPORTS	Aerodays 2015, Oct-2015, London, UK	London (UK)	Scientific community, Industry	>100	International		
153	poster/demo	wilfred Rouwhorst	FASTOP	Annual review 2014	2014	Scientific community, Industry	>100	International		
154	Conference	wilfred Rouwhorst	Optimization of the vertical trajectory through Time and Energy management: A Human in the-Loop Study	AIAA GNC 2016 conf�rence, 4th Jan 2016	2016	Scientific community, Industry	>100	International		
155	Conference	E-mail : thomas.muenzing@iktd.uni-stuttgart.de	Extending standard sizing of ball screws to consider unequal load distributions	NAFEMS World Congress 2015, June 20th - 24th	2015	Scientific community, Industry	>100	International		
156	Conference	Dirk Schawe	Disconnect Device Design Options for Jam-Tolerant EMAs	7th International Conference on Recent Advances in Aerospace Actuation Systems and Components R3ASC'16	2016	Scientific community, Industry	>100	International		
157	Workshop	Aldo Bonsignore a.bonsignore@idscorporation.com	ARROW Final Workshop	04/03/2015	2015	Scientific community, Industry	>100	International		
158	Conference	Davide Barater davide.barater@unipr.it	Design of a Control Unit for Advanced Gate Drivers Featuring Adaptive Dead-Time and Diagnostics	Industrial Electronics Society, IECON 2015 - 41st Annual Conference of the IEEE, Yokohama Date 9-12 Nov. 2015	Yokohama (Japan)	Scientific community, Industry	>100	International		
159	Conference	Davide Barater davide.barater@unipr.it	A Voltage Controlled Power Resistor Circuit for Active Gate Driving of Wide-bandgap Power Devices	Industrial Electronics Society, IECON 2015 - 41st Annual Conference of the IEEE, Yokohama Date 9-12 Nov. 2015	Yokohama (Japan)	Scientific community, Industry	>100	International		

160	Conference	Davide Barater davide.barater@unipr.it	Comparing Control Topologies for Wide-Bandgap Power-Device Drivers: a Simulation Study	Industrial Electronics Society, IECON 2015 - 41st Annual Conference of the IEEE, Yokohama Date 9-12 Nov. 2015	Yokohama (Japan)	Scientific community, Industry	>100	International		
161	Conference Paper & Presentation	Philip McGoldrick phil.mcgoldrick@labinal-power.com	Integration of Electrical Machines into the Engine: Routemap of Technology Options & Opportunities	MEA 2015 conference, Toulouse, on Feb 03 to 05, 2015	Toulouse (France)	Scientific community, Industry	>100	International		
162	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	REAL TIME ADAPTIVE PROCESSING OF MULTISOURCE WEATHER DATA FOR IN-FLIGHT DECISION SUPPORT SYSTEM	Aerodays London, Oct 2015	London (UK)	Scientific community, Industry	>100	International		yes
163	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	Hydrometeor classification for X-band dual polarization radar on-board civil aircrafts	IEEE, The International Geoscience and Remote Sensing Symposium 2015 (IGARSS 2015), Milan, Italy	Milan (Italy)	Scientific community, Industry	>100	International		
164	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	Aircraft hazard evaluation for critical weather avoidance	Metrology for Aerospace (MetroAeroSpace), 2015 IEEE	2015	Scientific community, Industry	>100	International		
165	Conference paper & presentation	Fabrizio Cuccoli : fabrizio.cuccoli@cnit.it	Icing Hazard for Civil Aviation	Metrology for Aerospace (MetroAeroSpace), 2015 IEEE	2015	Scientific community, Industry	>100	International		
166	Conference presentation	Gilles Poussin	Systems demonstrations in Clean sky and Clean sky2	AERODAYS 2015 (London)	London (UK)	Scientific community, Industry	>100	International		yes
167	Conference presentation	Emmanuelle.PAQUAY@sonaca.com	Unsteady Thermal Simulations of Wing Ice Protection Systems Integrated in Metallic or Composite Structures'	SAE 2015 INTERNATIONAL CONFERENCE ON ICING OF AIRCRAFT, ENGINES, AND STRUCTURES ; 22-25 JUNE 2015	2015	Scientific community, Industry	>100	International		
168	Workshop	a.bonsignore@idscorporation.com	TACTIC Final Workshop	22/07/2015	2015	Scientific community, Industry	>100	International		
169	Conference presentation	a.bonsignore@idscorporation.com		World ATM Congress - Madrid 10-12/03/2015	Madrid (Spain)	Scientific community, Industry	>100	International		
170	Oral + paper	Dirk Schawe	New Rating Life Calculation for Rolling Elements on Aircraft	Exhibition on New Actuators and Drive Systems ACTUATOR 2016 in Bremen (13-15 June 2016).	Bremen (Germany)	Scientific community, Industry	>100	International		
171	Conference	<a href="mailto:ronald.verhoeven@nlr.nl">ronald.verhoeven@nlr.nl</a>	Time and Energy Managed Operations (TEMO)	SFTE Conference Presentation: 10-12 May 2016, Nürnberg, Germany	Nurnberg (Germany)	Scientific community, Industry	>100	International		

172	Conference	<a href="mailto:patrice.nevoret@safrangroup.com">patrice.nevoret@safrangroup.com</a>	Smart Operation on Ground	Greener Aviation Conference in Brussels, on October 11th to 13th, 2016	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes
173	Conference	<a href="mailto:ronald.verhoeven@nlr.nl">ronald.verhoeven@nlr.nl</a>	Time and Energy Managed Operations (TEMO) Citation flight trials	Greener Aviation Conference in Brussels, on October 11th to 13th, 2016	Bruxelles (Belgium)	Scientific community, Industry	>100	International		yes