

number	Title	Main Authors	Title of the periodical or the series or the event	Number, date or frequency (N/A for events)	Publisher or organiser	Place of publication or event venue	Year of publication or event	Relevant pages or event session	Permanent identifiers4 (if available)	open access provided to this publication?
<b>PAPERS</b>										
1	Dynamic Phasor Modelling of Multi-Generator Variable Frequency Electrical Power Systems	Yang Tao ; Bozhko Serhiy; Le Peuvedic Jean-Mark; Greg Asher; Christopher Ian Hill	Transactions on Power Systems	Vol 31, January 2016	IEEE	New York	2016	563-571	10.1109/TPWRS.2015.2399371	no
2	Drooping Strategies for Paralleling Sources and their Effect on Electric Power System Stability	Gao, F., Bazhko, S., Asher, G.	SAE 2014 Aerospace Systems and Technology Conference	SAE 2014 Aerospace Systems and Technology Conference	SAE		2014	9	10.4271/2014-01-2113	no
3	Control Design for Electric Starter-Generator Based on a High-Speed Permanent-Magnet Machine Fed by an Active Front-End Rectifier	Bozhko S., Yeoh S., Gao F., Yang T.	SAE 2014 Aerospace Systems and Technology Conference	SAE 2014 Aerospace Systems and Technology Conference	SAE		2014	11	10.4271/2014-01-2139	no
4	Permanent Magnet Starter-Generator for Aircraft Application	Arumugam P., Gerada C., Bozhko S., Zhang H., Weeramundage F., La Rocca A., Pickering S.	SAE 2014 Aerospace Systems and Technology Conference	SAE 2014 Aerospace Systems and Technology Conference	SAE		2014	7	10.4271/2014-01-2157	no
5	CleanSky EcoDesign Achievements and future Perspectives	John Simpson, Rainer Schweppe	Aerodays 2015	AERODAYS 2015 Clean Sky Forum	Clean Sky	London	2015	11		Yes
6	Implementation of Automated Chemical Stitching into the Continuous Preforming Process	Koerdts, M., Christ, M., Bernd Thoma, Raphael Reinhold	Greener Aviation	2014	3AF	Brussels	2014	5		no
7	Automated profile pre-forming for structural components	Ewald Fauster, Christian Schillfahrt, Christian Hueber, Ralf Schledjewski	JEC Composites Magazine 2015	JEC Composites Magazine 2015	Journal for "Science and Engineering of Composite Materials"		2015		<a href="https://doi.org/10.1515/secm-2015-0377">https://doi.org/10.1515/secm-2015-0377</a>	no
8	Thermoplastic blend with low melting point to replace PEEK in aeronautic composites,	M.E. Rodriguez, T. Garcia, A. Lagrana, C. Paris, J.	SEICO: Advanced Composites on its way to Industrialization	SAMPLE Europe	Confereence on materials Proceedings 2013	Paris	2013		<a href="http://www.sampe-europe.org/library/">http://www.sampe-europe.org/library/</a>	no
9	Development of a Design for End of Life Tools for the Aircraft Industry	Wimmer Ann-Kathrin, Salles Ana, Müller Torsten, Elsner Peter	Chem. Ing. Tech. 2016, volume 88, No. 4	2015	Chemie Ingenieur Technik		2016	489-499	10.1002/cite.201400154	no
10	DEVELOPMENT OF C-FIBRE RECOVERING USING MICROWAVE AND FIBRE QUALITY ASSESSMENT	R. Emmerich, M. Roux, T. Müller, F. Henning	Greener Aviation	2014	3AF	Brussels	2014	6		no

11	CARBON FIBER REINFORCED COMPOSITE MADE FROM OUT-OF-AUTOCCLAVE PREPREGS WITH A THIN IMPACT PROTECTION LAYER	R. Emmerich, C. Röss, F. Henning	Greener Aviation	2014	3AF	Brussels	2014	5		no
12	VEPZO – Velocity Propagating Zonal Model: A locally refined airflow model for confined spaces to use in optimization applications.	Victor Norrefeldt, Gunnar Grün, Klaus Sedlbauer	Master thesis	2013	Fraunhofer	Stuttgart	2013		ISBN 10: 3839605172	no
13	RADZO – Radiation Zonal Model	Arnav Pathak	Master thesis	2016	Fraunhofer	Stuttgart	2016			
14	Implementierung der Regelung für die Luftaufbereitung eines Versuchstandes für thermische Tests	Frederick Wirth	Bachelor thesis	2015	Fraunhofer	Stuttgart	2016			yes
15	Design and construction of an electrical control board with subsequent software development for web-based control of a refrigeration test system	Rolf Hufenbecher	Bachelor thesis	2016	Fraunhofer	Stuttgart	2016			yes
16	EcoDesign chapter for New program Environmental report (LCA only) for official services (DGA/DGAC)	Airbus Helicopter	internal document	2014	Airbus Helicopter					
17	Out-of-autoclave curing of composites for high temperature aerospace applications	Amol Ogale, Prasad Potluri, Bernhard Rittenschober, Jens Schlimbach	proceedings	2014	Quickstep				<a href="https://sampe.site-ym.com/store/ListProducts.aspx?catid=439143&amp;ftr=amol">https://sampe.site-ym.com/store/ListProducts.aspx?catid=439143&amp;ftr=amol</a>	
18	SABER Model Automatic Translation Tool for Aeronautical Simulations”	Beniamino Guida, alberto Cavallo	Conference paper	2012	IEEE	Cambridge	2012	334-339	10.1109/UKSim.2012.55	no
19	Average Models for Aeronautical Electrical Networks: An Application for Intelligent Load Power Management	Beniamino Guida, alberto Cavallo	Conference paper	2012	SAE	Phoenix	2012	9	10.4271/2012-01-2216	
20	Validation of Automated MAST to MODELICA Translation Tool for Aeronautical Application	Beniamino Guida, alberto Cavallo	Conference paper	2012	IEEE	Malta	2012	121-126	10.1109/EMS.2012.32	
21	Sliding mode control for DC/DC converters	alberto Cavallo, Beniamino Guida	Conference paper	2012	IEEE	Maui	2013	7088-7098	10.1109/CDC.2012.6427026	
22	Smart Buck-Boost Converter Unit Operations for Aeronautical Applications	alberto Cavallo, Beniamino Guida	Conference paper	2015	IEEE	Osaka	2016	4734-4739	10.1109/CDC.2015.7402957	
23	In-situ consolidation by automated placement technologies	F. Rodriguez-Lence M. Zuazo, S. Calvo, E. Lorenzo	Conference paper	2014	ECCM16 - 16TH EUROPEAN CONFERENCE ON COMPOSITE MATERIALS	Seville	Jun-14	8		yes

24	IN-SITU CONSOLIDATION OF PEEK COMPOSITES BY AUTOMATED PLACEMENT TECHNOLOGIES	Nogueroles/ Rodriguez-Lence	Conference paper	2015	ICCM20 20th International Conference on Composite Materials	Copenhagen	Jul-15	9		yes
25	Laser beam welded structures for a regional aircraft: weight, cost and carbon footprint savings	N.D. Alexopoulos, A. Gialos, V. Zeimpekis, Z. Velonaki, N. Kashaev, S. Riekehr, A. Karanika,	ELSEVIER Journal of Manufacturing Systems	2015	ELSEVIER Journal Volume 39		2016	pp 38-52	<a href="http://dx.doi.org/10.1016/j.jmsy.2016.02.002">dx.doi.org/10.1016/j.jmsy.2016.02.002</a>	no
26	Fracture mechanical behaviour of laser beam-welded AA2198 butt joints and integral structures	Nikolai Kashaev, Stephan Riekehr, Kay Erdmann, Alexandre Amorim Carvalho, Maxim Nurgaliev, Nikolaus Alexopoulos, Alexandra Karanika	International Journal of Structural Integrity. Vol. 6 Iss: 6	2015	International Journal of Structural Integrity		2015	pp.787 - 798	<a href="http://dx.doi.org/10.1108/IJSI-10-2014-0052">http://dx.doi.org/10.1108/IJSI-10-2014-0052</a>	yes
27	A comparative study on the microstructure and surface property evaluation of coatings produced from nanostructured and conventional WC-Co powders HVOF-sprayed on Al7075	A. Lekatoua, D. Sioulas, A.E. Karantzalis, D. Grimanelis	ELSEVIER Surface and Coatings Technology	2015	ELSEVIER Journal volume 276		2015	pp 539-556	<a href="http://dx.doi.org/10.1016/j.surfcoat.2015.06.017">http://dx.doi.org/10.1016/j.surfcoat.2015.06.017</a>	no
28	Laser beam welded structures for a regional aircraft: weight, cost and carbon footprint savings	Nikolaos D. Alexopoulos, Anastasios A. Gialos, Vasileios Zeimpekis, Zaneta Velonaki, Nikolai Kashaev, Stefan Riekehr, Alexandra Karanika	ELSEVIER Journal of Manufacturing Systems	2016	ELSEVIER Journal volume 39		2016	pp 38-52	<a href="http://dx.doi.org/10.1016/j.jmsy.2016.02.002">http://dx.doi.org/10.1016/j.jmsy.2016.02.002</a>	yes
29	Development of Different Joining Processes for Last Generation Aeronautic Al-Li Alloys	E. Arruti, F. Zubiri, E. Aldanondo, M. San Sebastian, S. Idel, A. Diskin	Conference - Metallic materials and processes.	2015	Astech Paris Region	Dauville	2015	10		yes
30	Investigation of rate-effects in the viscoelastic compaction behavior of fiber reinforcements	M. Danzi, C. Schneeberger, P. Ermanni	SAMPE Proceedings	2015	SAMPE 2015 - Baltimore MD	Baltimore	2015	12	ISBN: 978-1-934551-19-6	no
31	Fast and robust joining process for aerospace components by local heating of paste adhesives	A. Sánchez Cebrián	ETH Zurich	2014	PhD Thesis	Zurich	2014	307	DISS.-No. ETH 21842	yes
32	Modeling of void formation during the curing process of paste adhesives	A. Sánchez Cebrián, F. Klumker, M. Zogg	Taylor & Francis	2013	Journal of Adhesion Science and Technology, Volume 28		2013	pp 731-747	<a href="http://dx.doi.org/10.1080/01694243.2013.868333">http://dx.doi.org/10.1080/01694243.2013.868333</a>	no

33	Carbon fibre composite waste: a comparative assessment of recycling and energy recovery	R. A. Witik, R. Teuscher, V. Michaud, C. Ludwig, J-A. E. Månson	ECCM 15 - 15th european conference on composite materials	2012	ECCM15- 15th	Venice	2012	10		yes
34	Investigation on hybrid out-of-autoclave prepreg/lcm process for integrated structural applications	C. Di Fratta, M. Danzi, F. Klunker, M. Zogg, P. Ermanni	ECCM 15 - 15th european conference on composite materials	2012	ECCM15- 15th	Venice	2012	7		yes
35	Multistep heating to optimize the curing process of a paste adhesive	A. Sánchez Cebrián, R. Basler, M. Zogg, P. Ermanni	ECCM 15 - 15th european conference on composite materials	2012	ECCM15- 15th	Venice	2012	8		
36	FEM-Test Results Correlation Study and Engineering Tool Chain Development for Clean Sky Eco Design Demonstrator A4	U. Stebler	Master Thesis	2015	Swiss Federal Institute of Technology Zürich	Zurich	2015			no
37	Investigation of the Mechanical Properties of Asymmetric Laminates Produced by the Hybrid OOA prepreg/LCM process	L. Mattia (ETHZ)	Master Thesis	2015	Swiss Federal Institute of Technology Zürich	Zurich	2015			no
38	Investigation of thickness inhomogeneities derive from the interaction with rigid components in vacuum bag processes	S. Lämmlein	Master Thesis	2015	Swiss Federal Institute of Technology Zürich	Zurich	2015			no
39	Testing results of A4 Demonstrator	U. Stebler, M. Kireitseeu	Master Thesis	2015	Swiss Federal Institute of Technology Zürich	Zurich	2015			