

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 identifiers ⁴ (if available)	open access provided to this publication?
1	A conceptual design study of an Open Rotor powered regional aircraft	Larsson, Linda	ASME Turbo Expo 2014	GT2014-26091	ASME					
2	ENABLING TECHNOLOGIES FOR FABRICATED TURBOFAN ENGINE STRUCTURES	Holmedahl, Kent	ISABE-2011 Conference	ISABE-2011-1614	ISABE	Gothenburg, SE				
3	Structural Optimization Approach for Complex Turbofan Structures with Simultaneous Requirement Fulfilment	Borovic, Daniel	ISABE-2011 Conference	ISABE-2011-1610	ISABE	Gothenburg, SE				
4	Weldability of Ni-based superalloys	Andersson, Joel	8th International Symposium on Superalloy 718, 2014		TMS					
5	High-temperature crack growth in a Ni-base superalloy during sustained load	Hörnkvist, Magnus	Mat. Sci. Eng. A 609 (2014)	A 609						
6	Applicability of handbook crack propagation methods on TIG and Laser welded IN718 at room and elevated temperature for mixed mode loading and well-time conditions.	Månsson, Tomas	9th Int. Conf. on Creep and Fatigue at High Temperatures, London (2012)							
7	Mission optimization of the geared turbofan engine	Larsson, Linda	ISABE-2011 Conference	ISABE-2011-1314		Gothenburg, SE				
8	Effect of Geometry Deviations on the Aerodynamic Performance of an Outlet Guide Vane Cascade	Chernoray, Valery	ASME Turbo Expo 2010			Glasgow, UK				

9	Design of integrated turning vanes for a compressor transition duct	Wallin, Fredrik	ISABE-2011 Conference			Gothenburg, SE				
10	SAGE1 Demonstrator: Enabling Open Rotor Technologies	Uwe Fuss, Rolls-Royce plc								
11	Project SAGE3: Towards Cleaner Quieter Turbofans	Antonia Peace, Mark Pacey, Rolls-Royce plc								
12	Multi-scale comparison of process monitoring and modelling in additive manufacturing by laser beam melting									
13	Effect of HIP temperature and post-HIP heat treatments on coincidence site lattices and twin boundaries in IN718	Iñigo Iturriza, CEIT	PM World Congress			Hamburg, Germany				
14	Study of the influence of outgassing parameters, powder particle size and HIP temperature in the mechanical properties of IN718	Iñigo Iturriza, CEIT	EURO PM			Reims, France				
15	Net Shape HIPping components of IN718	Iñigo Iturriza, CEIT	International Conference of Hot Isostatic Pressing			Stockholm, Sweden.				
16	Microstructure and properties of HIPped Inconel 718	Iñigo Iturriza, CEIT	International Conference of Hot Isostatic Pressing			Stockholm, Sweden.				
17	Microstructure dependent Material models: Application to wrought 718 alloy	Javier Segurado, IMDEA	ISABE			Manchester, UK				
18	Modeling cyclic deformation of Inconel 718 superalloy by means of crystal plasticity and computational homogenization	Javier Segurado, IMDEA	International Journal of Plasticity							

19	“Acoustic Damper Designs for Gas Turbine Aero Engines (ALECSys)”, TT12R13,	Peacock, G., Regunath, G., Rupp, J. and Carrotte, J.F.,		41548					
20	“Fuel injector internal flow”, TT13R01,	Brend, M.A. and Spencer, A		41306					
21	“Mains Fuel Passage Draining (Air Circulation)”,	Brend, M.A., Ford, C.L. and Carrotte, J.F		2014					
22	“ALECSys Combustion System - Annular Test Rig Experiments”,	Denman, P.A.,		41730					
23	“ALECSys Resonator Study”, TT/UTC/14/R/14	Cassell, M., Carrotte, J.F		2014					
24	Development of Analytical FEM models for GeT FuTuRe rig dynamic design - Sept 2014	Alberto Frezet, Avio Aero	43° AIAS National Conference						
25	Deposition of diamond films for effective passivation of SiC devices	Giulio Zagato, Avio Aero	39th Workshop on Compound Semiconductor Devices and Integrated Circuits - June 2015	2015					
26	Volume of Fluid (VOF) Analysis of Oil-Jet Lubrication for High-speed spur Gears using an adaptive meshing approach	Lorenzo Cipolla, Avio Aero	AMSE Turbo Expo	2015		DOI: 10.1115/GT2015-42461			
27	Volume Of Fluid Simulation of Oil-Jet Cooling for High-Speed Gears	Lorenzo Cipolla, Avio Aero	ANSYS User Group Meeting						
28	Numerical simulation of Oil-Jet Lubrication for High-Speed Gears	Lorenzo Cipolla, Avio Aero	Journal of Aerospace Engineering			http://dx.doi.org/10.1155/2015/752457			
29	CFD SIMULATIONS OF A MESHING GEAR PAIR	Lorenzo Cipolla, Avio Aero	ASME Turboexpo			10.1115/GT2016-57454			
30	Gears in Aerospace Transmissions	Andrea Piazza, Avio Aero	MECSPE						

31	Experimental investigation on the timespace evolution of a laminar separation bubble by POD and DMD	Francesco Bertini, Avio Aero	ASME Turbo Expo 2016							
32	Analysis of a LPT rotor blade for a geared engine. Part I: Aero-mechanical design and validation	Francesco Bertini, Avio Aero	ASME Turbo Expo 2016			10.1115/GT2016-57746				
33	Analysis of a LPT rotor blade for a geared engine. Part II: characterization of the time-varying flow field in a single Stage research turbine	Francesco Bertini, Avio Aero	ASME Turbo Expo 2016			10.1115/GT2016-57725				
34	Scouting high performance steels for gears and bearings	Patrick Mirring, Oskar Beer, Ida Bartilotta - AMTeting	GREENER AVIATION 2016							
35	Torque Measurement Systems Employing SAW Devices	Andrè Barata, Joana C. Mendes, Luis N. Alves, Antònio Pereira	Research Trends in Mechanical Engineering 2016 – First International Conference and Workshop on Mechanical Engineering Research							
36	Master Thesis : Validation and instrumentation of SAW sensors for torque and temperature measurement	Diogo Fonte da Silva	Thesis							