

tw	ITD	Domain	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 ?
Clean Sky	GRC		1	Technical paper and oral presentation to the International Conference of Aerospace Sciences "AEROSPATIAL 2012"	Silviu Emil Ionescu, Nico van Oosten, Fausto Cenedese	Validation of an on-board microphone system for the measurement of the exterior noise of a helicopter	2012	Bucharest (Romania)	Scientific community, Industry	200	Europe	ISSN 2067-8614	
Clean Sky	GRC		2	Oral Presentation to the Clean Sky General Forum	R. Ponza, E. Benini	Innovation level in CFPs: feedback from partners The experience of HIT09 & University of Padova	2012	Brussels (Belgium)	Scientific community, Industry	100	Europe		
Clean Sky	GRC		3	Technical paper and oral presentation to the 41st European Rotorcraft Forum	G. Gibertini, F. Auteri, L. Colaiuda, M. Ermacora, D. Grassi, A. Zanotti	Optimized ERICA Engine Intake Wind Tunnel Test	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		4	Technical paper and oral presentation to the 41st European Rotorcraft Forum	G. Gibertini, F. Auteri, G. Campanardi, G. Droandi, D. Grassi, A. Le Pape, A. Zanotti	A Test Rig to Assess the Effectiveness of Drag Reduction Devices on a Heavy-Class	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		5	Technical paper and oral presentation to the 41st European Rotorcraft Forum	N. Van Oosten, L. Dragasanu, F. Cenedese	ANCORA: ANotec-COMoti Rotorcraft Acoustics initiative for preliminary acoustic flight tests for the tuning of simplified rotorcraft noise models	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		6	Technical paper and oral presentation to the 41st European Rotorcraft Forum	Wienzcyslaw Stalewski	Rotorcraft Applications of Active Gurney Flap Investigated within the Clean-Sky Project COMROTAG	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		7	Technical paper and oral presentation to the 30th Congress of the International Council of Aeronautical Sciences	Wienzcyslaw Stalewski	Flow Control on Helicopter-Rotor Blades via Active Gurney Flap	ICAS 2016	Daejeon (Korea)	Scientific community, Industry	200	International	ISBN: 978-3-932182-85-3	
Clean Sky	GRC		8	Technical paper and oral presentation to the Polymer Processing Society Conference	V. Radlmaier, G. Obermeier, S. Ehard, A. Kollmannsberger, H. Koerber, E. Ladstaetter	Interlaminar Fracture Toughness of Carbon Fiber Reinforced Thermoplastic In-situ Joints	PPS 2015	Graz (Austria)	Scientific community, Industry	100	European	ISBN: 9780735414419	

Clean Sky	GRC		9	Technical paper and oral presentation to the 7th OpenFOAM Workshop	M. Fuchs, C. Mockett, M. Gual-Skopek, F. Le Chuiton, F. Thiele	Helicopter fuselage wake prediction using Detached-Eddy Simulation methods in OpenFOAM	7 th OpenFOAM Workshop	Darmstadt (Germany)	Scientific community, Industry	100	European	https://ayera.di.sourceforge.net/project/openfoam-extend/OpenFOAM_Workshops_OFW7_2012_Darmstadt/Workshop-Documents/Presentations-Talks/FuchsMarian/Final-MarianFuchsEtAlSlidesOFW7.pdf	
Clean Sky	GRC		10	Technical paper and oral presentation to the Fourth Symposium on Hybrid RANS-LES Methods	Mockett C., Le Chuiton F., Fuchs M., Thiele F.	Helicopter Fuselage Wake Prediction using Detached-Eddy Simulation	NNFM 2011	Beijing (chine)	Scientific community, Industry	300	International	ISBN: 9783642318184	
Clean Sky	GRC		11	Technical paper and oral presentation to the Fourth Symposium on Hybrid RANS-LES Methods	M. Fuchs, F. Le Chuiton, C. Mockett, J. Sesterhenn, F. Thiele	Detached-Eddy Simulation of Separated Wake Flow Around Complex Helicopter Fuselage Configuration	NNFM 2015	Texas (USA)	Scientific community, Industry	300	International	ISBN: 9783319151410	
Clean Sky	GRC		12	Technical paper and oral presentation to the Energy Conversion Congress and Exposition	R. Wrobel, D. Staton, R. Lock, J. Booker, D. Drury	Winding design for minimum power loss and low-cost manufacture in application to fixed-speed PM generator	ECCE 2015	Pittsburgh (USA)	Scientific community, Industry	300	International	ISBN: 9781479957767	
Clean Sky	GRC		13	Technical paper and oral presentation to the Electrical Systems for Aircraft, Railway and Ship Propulsion	A. Griffo, D. Drury	Hardware in the loop emulation of synchronous generators for aircraft power systems	ESARS 2012	Bologna (Italy)	Scientific community, Industry	200	International	ISBN: 9781467313711	
Clean Sky	GRC		14	Technical paper and oral presentation to the Industrial Electronics Society Conference	A. Griffo, D. Salt, R. Wrobel, D. Drury	Computationally efficient modelling of permanent magnet synchronous motor drives for real-time Hardware-in-the-Loop simulation	IECON 2013	Vienna (Austria)	Scientific community, Industry	300	International	ISBN: 9781479902248	
Clean Sky	GRC		15	Technical paper and oral presentation to the 6th IET Conference on Power Electronics, Machines and Drives	A. Griffo, D. Drury, D. Salt	Hardware in the loop based synchronous generator emulation test rig for more electric aircraft power systems	IET 2012	Bristol (UK)	Scientific community, Industry	200	International	ISBN: 978-1-84919-616-1	
Clean Sky	GRC		16	Technical paper and oral presentation to the 40th European Rotorcraft Forum	C. Smith, J. Stevens, K. Karamolegkos, I. Goulos, V. Pachidis, J. Stevens, L. Thevenot, R. d'ippolito	ACHIEVING ROTORCRAFT NOISE AND EMISSIONS REDUCTION FOR 'CLEAN SKY' – THE MEASUREMENT OF SUCCESS	40th ERF	Southampton (UK)	Scientific community, Industry	300	International	ISBN: 9781510802568	
Clean Sky	GRC		17	Technical paper and oral presentation to the 40th European Rotorcraft Forum	M. Gennaretti, J. Serafini, M. M. Colella, G. Bernardini	SIMULATION OF HELICOPTER NOISE IN MANEUVERING FLIGHT	40th ERF	Southampton (UK)	Scientific community, Industry	300	International	ISBN: 9781510802568	

Clean Sky	GRC		18	Technical paper and oral presentation to the 41st European Rotorcraft Forum	A. Zanotti, G. Gibertini, F. Auteri, G. Campanardi, G. Droandi, D. Grassi, G. Crosta	MEASUREMENT OF THE ROTOR BLADE SECTION AERODYNAMIC COEFFICIENTS BY PARTICLE IMAGE VELOCIMETRY	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		19	Oral Presentation to the Fifth European Combustion Meeting	A. Cuoci, A. Frassoldati, T. Faravelli, E. Ranzi	Modeling of soot formation in kerosene turbulent jet flames	ECM2011	Cardiff (UK)	Scientific community, Industry	200	European		
Clean Sky	GRC		20	Oral Presentation to the Fifth European Combustion Meeting	A.FRASSOLDATI, A. CUOCI, T. FARAVELLI, E. M. RANZI	Global kinetic mechanism of kerosene combustion for CFD applications	ECM2011	Cardiff (UK)	Scientific community, Industry	200	European		
Clean Sky	GRC		21	Technical paper and oral presentation to the 41st European Rotorcraft Forum	Frassoldati, A. Cuoci, T. Faravelli, A. Ferrante, M. Stachurska, M. Redaelli, L. Riviello	IN-FLIGHT VALIDATION OF ROTORCRAFT EMISSION PREDICTIONS AND LOW POLLUTANT MISSION	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		22	Technical paper and oral presentation to the 41st European Rotorcraft Forum	M. Gennaretti, G. Bernardini, J. Serafini, L. Trainelli, A. Rolando, A. Scandroglio, L. Riviello, E. Paolone	Acoustic Prediction of Helicopter Unsteady Manoeuvres.	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		23	Technical paper and oral presentation to the 41st European Rotorcraft Forum	J. Stevens, C. Smith, V. Pachidis, L. Thevenot, R. Dippolito	CLEANSKY GREEN ROTORCRAFT NOISE AND EMISSIONS BENEFITS - MAXIMIZING THE IMPACT OF NEW TECHNOLOGIES	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		24	Technical paper and oral presentation to the 41st European Rotorcraft Forum	P. H. Mellor, J. Yon, S. Williamson, J. Farman, J. D. Booker, M. Barber, K. Stickels, P. Brinson	ELECTRICAL MACHINE TECHNOLOGIES FOR AN ELECTRIC TAIL ROTOR DRIVE	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		25	Technical paper and oral presentation to the 41st European Rotorcraft Forum	A. Gierczynski	CLEANSKY GRC4: LIGHT HELICOPTER DEMONSTRATOR WITH HIGH COMPRESSION ENGINE	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	

Clean Sky	GRC		26	Technical paper and oral presentation to the 41st European Rotorcraft Forum	J. Freire Gomez, J. D. Booker, P. H. Mellor	PARAMETRIC OPTIMIZATION OF A FLEXURE-BASED ACTIVE GURNEY FLAP MECHANISM FOR MINIMUM STRESS	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		27	Technical paper and oral presentation to the 41st European Rotorcraft Forum	M. Wentrup	AN ADJOINT BASED GRADIENT OPTIMIZATION CHAIN FOR COMPLEX HELICOPTER FUSELAGE PARTS USING A FREE FORM DEFORMATION OR CAD BASED PARAMETERIZATION METHOD	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		28	Technical paper and oral presentation to the 41st European Rotorcraft Forum	L. Trainelli, C. E. D. Riboldi, M. Bucari	Observing the Angle of Attack of the Tip Path Plane from Rotor Blade Measurements	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		29	Technical paper and oral presentation to the 41st European Rotorcraft Forum	L. Trainelli, M. Lovera, A. Rolando, E. Zappa, M. Gennaretti, P. Cordisco, R. Grassetti, M. Redaelli	Project MANOEUVRES – Towards Real-Time Noise Monitoring and Enhanced Rotorcraft Handling Based on Rotor State Measurements	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		30	Technical paper and oral presentation to the 36th European Telemetry and Test Conference	Cordisco P., Liu R., Redaelli M., Riviello L., Rolando A., Rossi F., Trainelli L., Vigoni E., Zappa E.	Developing a Novel Contactless Sensor for Helicopter Rotor State Measurements	ETC2016	Nuremberg (Germany)	Scientific community, Industry	200	European	ISBN: 9783981687620	
Clean Sky	GRC		31	Technical paper and oral presentation to the 41st European Rotorcraft Forum	A. Rolando, F. Rossi, C. E. D. Riboldi, L. Trainelli, R. Grassetti, D. Leonello, M. Redaelli	THE PILOT ACOUSTIC INDICATOR: A NOVEL COCKPIT INSTRUMENT FOR THE GREENER HELICOPTER PILOT	41st ERF	Munich (Germany)	Scientific community, Industry	400	International	ISBN: 9781510819832	
Clean Sky	GRC		32	Technical paper and oral presentation to the Conference on Control Applications	Panza S., Lovera M.	Rotor state feedback in helicopter flight control: Robustness and fault tolerance	CCA 2014	Juan Les Antibes (France)	Scientific community, Industry	400	International	ISBN: 9781479974092	
Clean Sky	GRC		33	Technical paper and oral presentation to the 22nd International Congress on Sound and Vibration	G. Bernardini, A. Anobile, J. Serafini, S. Hartjes, M. Gennaretti	Methodologies for Helicopter Noise Footprint Prediction in Manoeuvring Flights	ICSV 2015	Florence (Italy)	Scientific community, Industry	400	International	ISBN: 9781510809031	

Clean Sky	GRC		34	Technical paper and oral presentation to the Third CEAS Specialist Conference on Guidance, Navigation and Control	Panza S., Lovera M.	Rotor State Feedback in the Design of Rotorcraft Attitude Control Laws	CEAS 2015	Toulouse (France)	Scientific community, Industry	200	European	ISBN: 9783319175188	
Clean Sky	GRC		35	Technical paper and oral presentation to the 8th IET International Conference on Power Electronics, Machines and Drives	Simpson N., Wrobel R., Booker J. D., Mellor, P. H.	Multi-Physics Experimental Investigation into Stator-Housing Contact Interface,	PEMD 2016	Glasgow(UK)	Scientific community, Industry	200	European	ISBN: 9781785611896	
Clean Sky	GRC		36	Technical paper and oral presentation to the 8th IET International Conference on Power Electronics, Machines and Drives	Williamson, S. J., Wrobel, R., Booker, J. D., Yon, J., Mellor, P. H.	Effects of Insulation Ageing on the Conductive Heat Transfer from the Winding Body into Machine Periphery/Stator Core Pack	PEMD 2016	Glasgow(UK)	Scientific community, Industry	200	European	ISBN: 9781785611896	
Clean Sky	GRC		37	Technical paper and oral presentation to the Energy Conversion Conference and Expo	R. Wrobel, S. J. Williamson, J. D. Booker, P. H. Mellor	Characterising the Performance of Selected Electrical Machine Insulation Systems	ECCE 2015	Montreal (Canada)	Scientific community, Industry	300	International	ISBN: 9781467371513	
Clean Sky	GRC		38	Technical paper and oral presentation to the Energy Conversion Conference and Expo	Wrobel, R., Williamson, S. J., Simpson, N., Ayat, S., Yon, J., Mellor, P.	Impact of slot shape on loss and thermal behaviour of open-slot modular stator windings.	ECCE 2015	Montreal (Canada)	Scientific community, Industry	300	International	ISBN: 9781467371513	
Clean Sky	GRC		39	Technical paper and oral presentation to the 37th European Rotorcraft Forum	Martin Hollands, Manuel Keßler, Andree Altmikus, Ewald Krämer.	Trade Study: Influence of Different Blade Shape Designs on Forward Flight and Hovering Performance of an Isolated Rotor	37th ERF	Gallarate (Italy)	Scientific community, Industry	300	International	ISBN: 9781618396266	
Clean Sky	GRC		40	Technical paper and oral presentation to the 38th European Rotorcraft Forum	Martin Hollands, Manuel Keßler, Ewald Krämer.	Influence of An-/Dihedral and of Different Blade Shapes on Performance and Aeroacoustics of an Isolated Rotor	38th ERF	Amsterdam (Netherlands)	Scientific community, Industry	300	International	ISBN: 9781627480611	
Clean Sky	GRC		41	Technical paper and oral presentation to the 50th AIAA Aerospace Sciences Meeting	Patrick Kranzinger, Martin Hollands, Manuel Kessler, Siegfried Wagner, Ewald Kraemer	Generation and Verification of Meshes Used in Automated Process Chains to Optimize Rotor Blades	50th AIAA Aerospace Sciences Meeting	Nashville (Tennessee)	Scientific community, Industry	300	International	ISBN: 978-1-60086-936-5	
Clean Sky	GRC		42	Technical paper and oral presentation to the 42nd European Rotorcraft Forum	P.P. Kranzinger, M. Kessler, E. Kraemer	Aeroacoustic Validation of the Free Wake Method FIRST on the basis of an H145-T2 Main Rotor in Descent Flight	42nd ERF	Lille (France)	Scientific community, Industry	300	International	ISBN: 9781510839144	
Clean Sky	GRC		43	Technical paper and oral presentation to the 42nd European Rotorcraft Forum	A. Gierczynski	CLEANSKY GRC4: LIGHT HELICOPTER DEMONSTRATOR WITH HIGH COMPRESSION ENGINE (HCE)	42nd ERF	Lille (France)	Scientific community, Industry	300	International	ISBN: 9781510839144	

Clean Sky	GRC		44	Technical paper and oral presentation to the 42nd European Rotorcraft Forum	J. Stevens, C. Smith, L. Thevenot, R. d'Ippolito, E. Gires, A.C. Pardo, V. Pachidis	CLEANSKY GREEN ROTORCRAFT NEW TECHNOLOGIES – MAXIMIZING NOISE AND EMISSIONS BENEFITS	42nd ERF	Lille (France)	Scientific community, Industry	300	International	ISBN: 9781510839144	
Clean Sky	GRC		45	Technical paper and oral presentation to the 42nd European Rotorcraft Forum	A. Rolando, F. Rossi, L. Trainelli, D. Leonello, G. Maisano, M. Redaelli	Demonstration and Testing of the Pilot Acoustic Indicator on a Helicopter Flight Simulator	42nd ERF	Lille (France)	Scientific community, Industry	300	International	ISBN: 9781510839144	
Clean Sky	GRC		46	Technical paper and oral presentation to the 42nd European Rotorcraft Forum	E. Zappa, L. Trainelli, P. Cordisco, E. Vigoni, A. Rolando, M. Redaelli, F. Rossi, R. Liu	A Novel Contactless Sensor for Helicopter Blade Motion In-flight Measurements	42nd ERF	Lille (France)	Scientific community, Industry	300	International	ISBN: 9781510839144	
Clean Sky	GRC		47	Technical paper and oral presentation to the 42nd European Rotorcraft Forum	M. Gennaretti, G. Bernardini, S. Hartjes, A. Scandroglio, L. Riviello, E. Paolone	EXPERIMENTAL/NUMERICAL ACOUSTIC CORRELATION OF HELICOPTER UNSTEADY MANOEUVRES	42nd ERF	Lille (France)	Scientific community, Industry	300	International	ISBN: 9781510839144	
Clean Sky	GRC		48	Technical paper and oral presentation to the 42nd European Rotorcraft Forum	L. Trainelli, M. Gennaretti, E. Zappa, M. Lovera, A. Rolando, P. Cordisco, R. Grasseti, M. Redaelli	Development and Testing of Innovative Solutions for Helicopter Inflight Noise Monitoring and Enhanced Control Based on Rotor State Measurements	42nd ERF	Lille (France)	Scientific community, Industry	300	International	ISBN: 9781510839144	
Clean Sky	GRC		49	Technical paper and oral presentation to the 42nd European Rotorcraft Forum	P.P. Kranzinger, M. Kessler, E. Kraemer	Aeroacoustic Validation of the Free Wake Method FIRST on the basis of an EC145-T2 Main Rotor in Descent Flight	42nd ERF	Lille (France)	Scientific community, Industry	300	International	ISBN: 9781510839144	
Clean Sky	GRC		50	Technical paper and oral presentation to the International Conference on Industrial Technology	Imanol Echevarria, Joseba Lasas, Pablo Casado, Alberto Dominguez, Iñigo Eguizabal, Mikel Lizeaga, Raul Pérez,, Oscar Berenguer	Test bench for helicopter electro mechanical actuation system validation: Design and validation of dedicated test bench for aeronautical electromechanical actuators	ICIT 2015	Seville (Spain)	Scientific community, Industry	200	European	ISBN: 9781479978007	
Clean Sky	GRC		51	Technical paper and oral presentation to the International Power Electronics Conference	D. De, A. Castellazzi, A. Lamantia	1.2kW Dual-Active Bridge Converter using SiC Power MOSFETs and Planar Magnetics	IPEC 2014	Hiroshima (Japan)	Scientific community, Industry	300	International	ISBN: 9781479927050	
Clean Sky	GRC		52	Technical paper and oral presentation to the 16th Workshop on Control and Modeling for Power Electronics	F. Giuliani , A. Costabeber, N. Delmonte, P. Cova, A. Castellazzi	Soft-starting procedure for dual active bridge converter	COMPEL 2015	Vancouver (Canada)	Scientific community, Industry	300	International	ISBN: 9781467368476	

Clean Sky	GRC		53	Technical paper and oral presentation to the 17th European Conference on Power Electronics and Applications	F. Giuliani , N. Delmonte, P. Cova, A. Costabber er, A. Castellazzi	Parallel-connected bidirectional converters for avionic applications	EPE'15 ECCE Europe	Geneva (Switzerland)	Scientific community, Industry	200	International	ISBN: 9789075815238	
Clean Sky	GRC		54	Oral presentation to the internal PEMC Group Conference 2014	A. Castellazzi, D. De, C. Klumpner, M. Rashed	Regenerative Multi-Source Power Conversion System	Nottingham Team Conference 2014	Nottingham (UK)	Scientific community, Industry	50	European		
Clean Sky	GRC		55	Technical paper and oral presentation to the American Helicopter Society International 72nd Annual Forum	Cigada A., Colombo A., Cordisco P., Ferrario A., Grassetti R., Manzoni S., Redaelli M., Rolando A., Terraneo M., Trainelli L., Vigoni E., Zappa E	Contactless Rotor Flapping Sensor Design, Implementation and Testing	American Helicopter Society International 72nd Annual Forum	West Palm Beach (USA)	Scientific community, Industry	400	International	ISSN: 2167-1281	
Clean Sky	GRC		56	Technical paper and oral presentation to the	Trainelli L., Cordisco P., Gennaretti M., Grassetti R., Lovera M., Redaelli M., Rolando A., Zappa E.	Innovative Rotor-state Measurements Enabling Helicopter In-flight Noise Monitoring and Enhanced Attitude Control	American Helicopter Society International 72nd Annual Forum	West Palm Beach (USA)	Scientific community, Industry	400	International	ISSN: 2167-1281	
Clean Sky	GRC		57	Oral presentation to the 7th International Conference on Recent Advances in Aerospace Actuation Systems and Components	P. CASADO, J. LASA, I. EGUIZABAL, S. SEMANN, O. BERENGUER	Counter-load simulation rig and ground test bench for helicopter electro-mechanical actuators	R3ASC'16	TOULOUSE (france)	Scientific community, Industry	150	European		
Clean Sky	GRC		58	Technical paper and oral presentation to the 37th European Rotorcraft Forum	A. Garavello, E. Benini, R. Ponzà, A. Scandroglio, A. Saporiti	Aerodynamic Optimization of the ERICA Tilt-Rotor Intake and Exhaust System	37th ERF	Vergiate and Gallarate (Italy)	Scientific community, Industry	250	International	ISBN: 9781618396266	
Clean Sky	GRC		59	Technical paper and oral presentation to the AHS 68th Annual Forum and Technology Display	Garavello A., Nibale T., Benini E., Miste G.	Assessment of the Engine Installation Performance of a Redesigned Tiltrotor Intake System	AHS 68th Annual Forum and Technology Display	Fort Worth (USA)	Scientific community, Industry	250	International	ISBN: 9781622760510	
Clean Sky	GRC		60	Technical paper and oral presentation to the AHS 68th Annual Forum and Technology Display	Mistè, G. A., Nibale T., Garavello A., Benini E.	Assessment of the engine Installation performance of a redesigned tiltrotor intake/exhaust system	AHS 68th Annual Forum and Technology Display	Fort Worth (USA)	Scientific community, Industry	250	International	ISBN: 9781622760510	
Clean Sky	GRC		61	Technical paper and oral presentation to the AHS 68th Annual Forum and Technology Display	A. Garavello, R. Ponzà, E. Benini	Multi-Objective Aerodynamic Design of Tilt-Rotor Airframe Components by means of Genetic Algorithms and CFD	AHS 68th Annual Forum and Technology Display	Fort Worth (USA)	Scientific community, Industry	250	International	ISBN: 9781622760510	

Clean Sky	GRC		62	Technical paper and oral presentation to the World Congress on Engineering and Computer Science 2012	R. Ponza, N.Simioni, E. Benini	Air Suction and Blowing as Effective Means to Increase Aerodynamic Efficiency of a Tiltrotor Wing-Fuselage Junction	WCECS 2012	San Francisco (USA)	Scientific community, Industry	250	International	ISBN: 9789881925244	
Clean Sky	GRC		63	Technical paper and oral presentation to the AHS 69th Annual Forum and Technology Display	N.Simioni, R.Ponza, E. Benini	Assessment of Morphing Wings on the horizontal stabilizer of a Tiltrotor	AHS 69th Annual Forum and Technology Display	Phoenix (USA)	Scientific community, Industry	300	International		
Clean Sky	GRC		64	Technical paper and oral presentation to the AHS 69th Annual Forum and Technology Display	A. Fabbris, M. Russo, A. Garavello, R. Ponza, E. Benini	Performance Optimization Of A Heavy Class Helicopter Engine Installation Using Genetic Algorithms coupled with numerical simulations	AHS 69th Annual Forum and Technology Display	Phoenix (USA)	Scientific community, Industry	300	International		
Clean Sky	GRC		65	Technical paper and oral presentation to the 38th European Rotorcraft Forum	A. Garavello, M. Russo, C. Comis, E. Benini, R.Ponza, A.Ramage	Aerodynamic Optimisation of the AW101 Heavy Helicopter Engine Installation by means of a Multi-objective Approach	38th ERF	Amsterdam (Netherlands)	Scientific community, Industry	300	International	ISBN: 9781627480611	
Clean Sky	GRC		66	Technical paper and oral presentation to the VI International Conference on Adaptive Modeling and Simulation	A.Fabbris, A. Garavello, M. Russo, R. Ponza, E. Benini	Multiobjective and Multipoint optimization of a heavy class helicopter engine installation using Evolutionary algorithms	ADMOS 2013	Lisbon (Portugal)	Scientific community, Industry	300	International	ISBN: 9788494100482	
Clean Sky	GRC		67	Technical paper and oral presentation to the 41st European Rotorcraft Forum 2015	E. Benini, R.Ponza, D. Steiling	Numerical vs. experimental assessment of optimization effects on aerodynamic performance of ERICA tiltrotor fuselage	41st ERF	Munich (Germany)	Scientific community, Industry	300	International	ISBN:9781510819832	
Clean Sky	GRC		68	Technical paper and oral presentation to the 41st European Rotorcraft Forum 2015	F.De Gregorio, D.Steiling, E. Benini, R.Ponza	ERICA tiltrotor airframe wake characterization	41st ERF	Munich (Germany)	Scientific community, Industry	300	International	ISBN:9781510819832	
Clean Sky	GRC		69	Technical paper and oral presentation to the 41st European Rotorcraft Forum 2015	S. Panza, M. Lovera, M. Bergamasco, L. Viganò	Rotor State Feedback in Rotorcraft Attitude Control	41st ERF	Munich (Germany)	Scientific community, Industry	300	International	ISBN:9781510819832	
Clean Sky	GRC		70	Technical paper and oral presentation to the 3rd IEEE International Workshop on Metrology for Aerospace	Zappa E., Trainelli L., Liu R., Rolando A., Rossi F., Cordisco P., Vigoni E., Redaelli M.	Real time contactless sensor for helicopter blade angle measurement	3rd IEEE International Workshop on Metrology for Aerospace	Florence (Italy)	Scientific community, Industry	300	International	ISBN: 9781467382922	
Clean Sky	GRC		71	Technical paper and oral presentation to the 3AF Greener Aviation Conference	Gilda Bruno, Francesco De Santis, Giovanni Negro, Luca Riviello	Tiltrotor: the environment-friendly user of the European sky	3AF conference "Greener Aviation: CleanSky breakthroughs and worldwide status"	Brussels (Belgium)	Scientific community, Industry	300	European		

Clean Sky	GRC		72	Technical paper and oral presentation to the 3AF Greener Aviation Conference	Alessio Frassoldati, Alberto Cuoci, Tiziano Faravelli, Eliseo Ranzi	CFD simulation and emission estimation from helicopter engines	3AF conference "Greener Aviation: CleanSky breakthroughs and worldwide status"	Brussels (Belgium)	Scientific community, Industry	300	European		
Clean Sky	GRC		73	Technical paper and oral presentation to the AMPE Europe Tampere - Efficient composite solutions to foster economic growth	Lemke C., Wolfahrt M., Reppe M., Zaremba S., Drechsler, K.	Disassembly of fusion-bonded thermoplastic composite structures	SETEC 2014	Tampere (Finland)	Scientific community, Industry	150	European	ISBN: 9789082172713	
Clean Sky	GRC		74	Oral presentation to the Aerodays 2015	Silvio Pappadà	Eco-Fairs: Development of Thermoplastic Structural Fairing for Helicopters	Aerodays 2015	London (UK)	Scientific community, Industry	100	European		
Clean Sky	GRC		75	Technical paper and oral presentation to the 34th SAMPE Europe International Technical Conference & Forum	S. Pappadà, A. Caruso, A. Salomi, A. Passaro, R. Angiuli, J. Montanaro, A. Maffezzoli	Finite element simulation to support continuous induction welding of PPS-Carbon Composite	SEICO 13	Paris (France)	Scientific community, Industry	100	European	ISBN: 9781627486293	
Clean Sky	GRC		76	Oral presentation to the 35th SAMPE Europe International Technical Conference & Forum	S. Pappadà	Application of induction welding to the fabrication and testing of a stiffened Composite Panel	SEICO 14	Paris (France)	Scientific community, Industry	100	European		
Clean Sky	GRC		77	Technical paper and oral presentation to the 3AF conference "Greener Aviation: CleanSky breakthroughs and worldwide status"	Trainelli L., Rolando A., Zappa E., Manzoni S., Lovera M., Gennaretti M., Bernardini G., Cordisco P., Terraneo M., Vigoni E., Grassetto R.	MANOEUVRES – An effort towards quieter, reliable rotorcraft terminal procedures	3AF "Greener Aviation" conference	Brussels (Belgium)	Scientific community, Industry	100	European		
Clean Sky	GRC		78	Technical paper and oral presentation to the 11TH INTERNATIONAL SYMPOSIUM ON PARTICLE IMAGE VELOCIMETRY – PIV15	F. De Gregorio, G. Fatigati, S. Kallweit	Tiltrotor airframe flow field characterization by SPIV	PIV15	Santa Barbara (USA)	Scientific community, Industry	300	International		