

October 11th, 2016

08:00	REGISTRATION & WELCOME				
	SILVER HALL				
08:30	OPENING PLENARY SESSION Round Table 1 Christian MARI, 3AF President of the Scientific Committee Christophe HERMANS, CEAS Aeronautics Branch Chief Ric PARKER, Chairman of the Clean Sky governing board Valérie GUÉNON, Programme Committee Conference Chair, Safran Group				
09:10	Keynote Speech Robert-Jan SMITS, General Director, DG Research and Innovation, European Commission				
09:30	Keynote Speech Rolf HENKE, ACARE Chairman				
10:00	COFFEE BREAK				
	ROOM 201	ROOM 202	ROOM 204	ROOM 206	ROOM 211
	New aircraft configuration 1 Chairman: Catalin NAE, INCAS, Romania	Materials & Ecodesign 1 Chairman: Spiros PANTELAKIS, Patras Univ., Greece	Evaluation of environmental impact 1 Chairman: Olivier PENANHOAT, Safran Group, France	On board energy management 1 Chairman: Bruno STOUFFLET, Dassault Aviation, France	Noise reduction 1 Chairman: Dominique COLLIN, Safran Group, France
10:30	60 Optimisation of a Large Bypass Ratio Turbofan Engine Using Energy Storage Lorenzo RAFFAELLI, Rolls-Royce plc, United Kingdom	44 Innovative solutions for wing structures green manufacturing Fernando BIANCHETTI, Leonardo - Aircraft Division, Italy	102 FORUM-AE environmental assessment on aircraft emissions Olivier PENANHOAT, Safran Aircraft Engines, France	81 Ice Detection by Mechanical Waves Christian MENDIG, German Aerospace Center, Germany	29 ENITEP: Experimental & Numerical Investigation of Turbulent Boundary Layer Effects on Noise Propagation in High Speed Conditions Andrea HILL, Aircraft Research Association Ltd, United Kingdom
11:00	53 Increased Fuel Efficiency of Regional-Class Transport Aircraft Through a Novel Lifting-Fuselage Configuration David ZINGG, University of Toronto, Canada	142 Natural fibres as a real alternative and opportunity in composites for Aeronautical applications Aline ROGEON, Veso Concept, France	104 Assessment of the Impact of Radical Climate-Friendly Aviation Technologies Kai WICKE, DLR, Germany	15 PRIMARY In Flight Ice Detection System François LARUE, Zodiac Aerotechnics, France	186 Progress in Studying Passive and Active Devices for Fuselage Noise Reduction for Next Generation Turboprop Maurizio ARENA, Università degli studi di Napoli Federico II, Italy
11:30	87 Long-Term Hybrid-Electric Propulsion Architecture Options for Transport Aircraft Pierre-Alain LAMBERT, Safran Group, France	143 Be in the Future of Sustainable Aviation: Using Eco-Design Tool ENDAMI Laura BRETHERAUER, Fraunhofer IBP, Germany	177 Mitigating aviation's long term impact on clima Paul PEETERS, NHTV Breda University of Applied Sciences, The Netherlands	172 Novel Ice Detection Methodology and System for Safer and Greener Aviation Nicolas FEZANS, DLR, Germany	201 Optimization of Air jet pump design for acoustic application Bernhard SEMLITSCH, KTH - Royal Institute of Technology, Sweden
12:00	72 Mitigating The Challenges Of Commercial Aircraft With TEDP Eric QUANSAH, London City University, United Kingdom	20 From technology development to ground demonstration and eco-assessment Jérôme LERY, Dassault-Aviation, France	76 Climate impact evaluation of future green aircraft technologies Volker GREWE, DLR, Germany	138 Simulation of an electro-mechanical ice protection system for aircraft structure based on ultrasonic guided wave Alvin Yung Boon CHONG, Brunel University London, United Kingdom	95 Alternative actuator type for noise cabin alleviation Corneliu STOICA, INCAS, Romania
12:30	NETWORKING LUNCH				

October 11th, 2016

	ROOM 201	ROOM 202	ROOM 204	ROOM 206	ROOM 211
	New aircraft configuration 2 Chairman: Catalin NAE, INCAS, Romania	Materials & Ecodesign 2 Chairman: Spiros PANTELAKIS, Patras Univ., Greece	Evaluation of environmental impact 2 Chairman: Olivier PENANHOAT, Safran group, France	On board energy management 2 Chairman: Fabien BOUDJEMAA, Safran Group, France	Noise reduction 2 Chairman: Dominique COLLIN, Safran Group, France
13:30	57 Performance Assessment of a Multi-Fuel Engine for Future Aircraft Arvind GANGOLI RAO, Delft University of Technology, The Netherlands	7 Towards rational materials tailoring in aviation Heike EMMERICHn Universität Bayreuth, Germany	100 Aircraft engines cruise particles emissions prediction from ground measurements Yoann MERY, Safran Aircraft Engines, France	214 Flight Testing of a High Voltage Direct Current Electrical Air Conditioning System for Large Transport Aircraft Thierry FOL, Airbus SAS Operations, France	47 Flight Test Validation of Noise Models for a High Performance Military Aircraft Using Beamforming Dr. Ernst GRIGAT, Airbus Defence and Space GmbH, Germany
14:00	66 Rotorcraft Airbags: how to save fuel Giacomo GIOVANGROSSI, Aero Sekur, Italy	123 New green hybrid organic-inorganic coating for aeronautical sector, ready to use in MRO & OEM situations through an original, accurate and automated pilot for its formulation Ana VALERO, AIDIMME, Spain	71 Development of a tool for Eco-designing AirFrame: LEAF Augustin CHANOINE, Deloitte, France	103 Model-based design methods for aircraft energy systems: lessons learned and future challenges Dirk ZIMMER, DLR, Germany	153 Innovative Fan Noise Source Measurement Techniques for Fan System Noise Optimisation Phillip JOSEPH, University of Southampton, United Kingdom
14:30	158 The Climate and Economic assessment of a Multi-Fuel Blended Wing Body Aircraft Arvind GANGOLI RAO, Delft University of Technology, The Netherlands	130 A new Method for Individual Impact Damage and Repair Assessment on Composite Structures based on Residual Strength Analysis Christoph P. DIENEL, German Aerospace Center, Germany	65 Clean Sky: Evaluation of environmental impact at an early design stage in the aviation industry Ana SALLES, Fraunhofer ICT, Germany	11 Innovative Electrical Distribution & Energy Management Testing on GRA Flight Demonstrator Fabrizio CUOMO, Finmeccanica Aircraft Division, Italy	67 In-duct fan acoustic analysis in the SEMAFOR project Christophe PICARD, MicrodB, France
15:00	COFFEE BREAK				
	ROOM 201	ROOM 202	ROOM 204	ROOM 206	ROOM 211
	New aircraft configuration 3 Chairman: Catalin NAE, INCAS, Romania	Materials & Ecodesign 3 Chairman: Thomas REICHERT, Fraunhofer, Germany	Propulsion 1 Chairman: Keith NURNEY, Rolls-Royce, United Kingdom	On board energy management 3 Chairman: Fabien BOUDJEMAA, Safran Group, France	Noise reduction 3 Chairman: Dominique COLLIN, Safran Group, France
15:30	206 CleanSky 2 "Large Passenger Aircraft" Innovative Aircraft Demonstrator Platform, LPA-IADP: Roadmap of Key Demonstrators Jens KOENIG, Airbus, Germany	192 Outlook on Ecological Improved Composites for Aviation Interior and Secondary Structures Jens BACHMANN, DLR, Germany	190 The ENGINE Demonstration Programmes François MIRVILLE, Safran Aircraft Engines, France	42 Two-phase cooling technology integration in aeronautics: opportunities, challenges and characterization Mikael MOHAUPT, Euro Heat Pipes, Belgium	113 Fan Wake Modeling for Computational Aeroacoustic Simulations of Turbulence-Cascade Interaction Noise Fernando GEA AGUILERA, Airbus Noise Technology Center, University of Southampton, United Kingdom
16:00	99 Electric drive for a Fenestron type helicopter tail rotor Luca CASTELLINI, Umbra Cuscineti, Italy	28 Cr,VI-Free Aluminium Pre-treatment for Aerospace Structural Adhesive Bonding: Mechanical Interlocking versus Chemical Bonds Shoshan ABRAHAMI, Delft University of Technology, The Netherlands	194 Vision 20: The Rolls-Royce Strategy for Addressing the Flightpath 2050 Challenge John WHURR, Rolls-Royce plc, United Kingdom	196 Fuel cell and Lithium-Ion battery based auxiliary power unit for aeronautical use implementing sliding mode converter control and fuzzy logic energy management Jean Ernst BESTER, ESIEE-Amiens, France	23 Folded spiral-shaped cavities for nacelle acoustic liners: impedance and attenuation modelling and comparison to experimental results Marc VERSAEVEL, Safran Nacelles, France
16:30	221 Nacelle Design and Optimization for Ultra High Bypass Ratio Turbofan Andrey SAVELYEV, TsAGI, Russia	106 Process Integrated In-Situ Structural Evaluation For Significant Material And Cost Saving by Industry 4.0 Tobias WILLE, DLR, Germany	46 The European Project E-BREAK: Technology enabler for Advanced Aero-Engines Manuel SILVA, Safran Helicopters Engines, France	45 Non-propulsive green energy based on Fuel Cells: potentials overview Theophile HORDE, Safran Power Units, France	125 Development All Plastics Acoustic Liner under aFJR project Tsumoto OISHI, IHI, Japan

Round Table 2: International National programs

Moderator : Valérie GUÉNON, Conference chair

17:00

Fayette COLLIER, NASA, USA

Sylvain COFSKY, GaRDN, Canada

Hiroyuki HIRABAYASHI, NEDO, Japan - Mr. Takuma TAKAHASHI, METI, Japan

Evgei ANDREEV, TsAGI, Russia

18:30

19:30

WELCOME COCKTAIL (PANORAMIC HALL)

October 12th, 2016

October 12 th , 2016					
09:00	Round Table 3: Atmospheric Impact of Aviation Moderator : Giuseppe Pagnano, Clean Sky JU Philippe NOVELLI, R&T Director, ONERA, France Olivier PENANHOAT, Research & Technology, Safran Aircraft Engines, France Inmaculada GOMEZ, ITAKA Coordinator, SENASA, Spain Robert SAUSEN, Institute of Atmospheric Physics, DLR, Germany				
10:30	COFFEE BREAK				
	ROOM 201	ROOM 202	ROOM 204	ROOM 206	ROOM 211
	Aerodynamics 1 <i>Chairman: Christophe HERMANS, CEAS, The Netherlands</i>	Materials & Ecodesign 4 Chairman: Paolo TRINCHIERI, Clean Sky, Belgium	On board energy management 4 Chairman: Antonio VECCHIO, Clean Sky, Belgium	Propulsion 2 <i>Chairman: Keith NURNEY, Rolls Royce, United Kingdom</i>	Noise reduction 4 Chairman: Fayette COLLIER, NASA, United States
11:00	49 Design and Performance Analysis of a Hybrid Laminar Flow Control, HLFC Concept for a Civil Transport Aircraft Peter WONG - Aircraft Research Association, United Kingdom	135 A way forward to design efficient wing ice protection systems Nadine REHFELD, Fraunhofer IFAM, Germany	224 Accelerated Modelling of Aircraft Electrical Power Systems Using Dynamic Phasors Tao YANG, University of Nottingham, United Kingdom	10 ENOVAL – Low Pressure System Technologies for Ultra-High By-pass Ratio Aero-Engines Edgar MERKL, MTU Aero Engines AG, Germany	225 Reduction of jet-flap interaction noise by means of flap deflection angle in the framework of aviation community noise Georgy FARANOSOV, TsAGI, Russia
11:30	188 Experimental and numerical studies of flow and noise control of aerofoils using morphing structures Mahdi AZARPEYVAND, University of Bristol, United Kingdom	161 Modelling of the strain rate and temperature dependent behaviour of organic matrix composite materials Julien BERTHE, ONERA, France	32 Energy Recovery Serge ROQUES, Safran Electrical & Power, France	116 Low Pressure Ratio Fan Design – Challenges, Fan Design Strategy and Results for UHBR Engines Mark WILSON, Rolls-Royce plc, United Kingdom	175 Design and test of innovative after bodies for business jet Philippe ROSTAND, Dassault Aviation, France
12:00	213 CleanSky SFWA - Installation of Natural Laminar Wings to be tested onto A340-300 Airbus flightlab Jens KÖNIG, Airbus Operation GmbH, Germany	168 CESAME Project - AD730TM a New Cost Effective Superalloy for Advanced Modern Engine Romain FORESTIER, Aubert & Duval, France	61 High Temperature Flex PCBs for Wiring and Circuitry in Harsh Environments Johnston PHILLIP, Trackwise, United Kingdom	124 Clean Sky SAGE4 Demonstrator Testing Patrick PFÜTZNER, MTU Aero Engines, Germany	180 Introduction of research project for environmental conscious aircraft technology in JAXA Dongyoun KWAK, JAXA, Japan
12:30	NETWORKING LUNCH				

October 12th, 2016

October 12 th , 2016					
14:00	<p align="center">Round Table 4: Towards Electric Propulsion Moderator : Christian Mari, 3AF</p> <p align="center">Peter ROSTEK, Head of Hybrid Electric Propulsion, Airbus Group, Germany Michael CERVENKA, Head of Future Technologies, Rolls Royce, United Kingdom Pierre-Alain LAMBERT, Head of Energy & Propulsion R&T, Safran Group, France Igor PERKON, R&D Program Manager, Pipistrel, Slovenia</p>				
15:30	COFFEE BREAK				
	ROOM 201	ROOM 202	ROOM 204	ROOM 206	ROOM 211
	Aerodynamics 2 <i>Chairman: Christophe HERMANS, CEAS, The Netherlands</i>	Structures 1 <i>Chairman: Vittorio SELMIN, CSJU, Belgium</i>	Green and safe systems and operations 1 <i>Chairman: Olivier HIERNAUX, Thales, France</i>	Propulsion 3 <i>Chairman: Keith NURNEY, Rolls-Royce, United Kingdom</i>	Noise reduction 5 <i>Chairman: Fayette COLLIER, NASA, United States</i>
16:00	165 Design, Manufacturing and Testing at ETW of a Laminar Wing Business Jet Model at High Reynolds Number Olivier COLIN, Dassault Aviation, France	166 Numerical and experimental testing of hailstone impact on composite wing leading edge with embedded deicer Dimitris SARAVANOS, Patras University, Greece	24 Solution for Greener, Efficient & Passenger-Convenient Civil Aviation: Air- to-Air Refuelling, AAR – What, Why Needed & How to Achieve Dr. Raj NANGIA, Nangia Aero Research, United Kingdom	27 LEMCOTEC: a key project to tackle pollutant emissions by developing new core technologies Florence POUTRIQUET, Safran Aircraft Engines, France	40 ZDES Simulation of the noise emission of a regional aircraft main landing gear bay with opened or closed doors Saloua BEN KHELIL, ONERA, France
16:30	164 Direct Numerical Simulation of TS-Waves Behind a Generic Step of a Laminar Profile in the DNW-NWB Wind-Tunnel Heinrich LUEDEKE, DLR, Germany	131 Design, Manufacture, and Testing of Seamless Morphing Concepts for a Smart Aircraft Wing Arne FIEDLER, Fraunhofer IFAM, Germany	30 Environmental Assessment in the ATAEGINA Project: Practical Application of Data Science Tools Emilia SUOMALAINEN, Envisa, France	84 Design methods for durability and operability of low emissions combustors Gary PAGE, Loughborough University, United Kingdom	181 Noise characterization and noise treatment of a detailed full scale nose landing gear Eleonora NERI, Trinity College Dublin, Ireland
17:00	78 Research activities of ONERA on laminar wings in the framework of JTI Clean Sky: transition prediction Maxime FORTE, ONERA, France	202 Perspective of the Aerodynamic and Conceptual Design for Green Business Jet Configuration for Environmental Sustainability Harijono DJOJODIHARDJO, The Institute for the Advancement of Aerospace Science and Technology, Indonesia	195 Multi-objective Departure Trajectory Optimisation of Commercial Aircraft on Environmental Impacts Menggying ZHANG, University of Manchester, United Kingdom	101 Effect of fuel composition and aromatic content on pulverization in aircraft engine combustors Julien LEPAROUX, Safran Aircraft Engines, France	184 An experimental investigation of the contributions of cavity resonance and vortex shedding to the noise emission of main landing gear John KENNEDY, Department of Mechanical and Manufacturing Engineering, Ireland
17:30	170 Combined LIDAR-based Feedforward and Feedback Gust and Turbulence Load Alleviation Nicolas FEZANS, DLR, Germany	34 Effects on Flight Performance of a Morphing Trailing Edge Wing for HALE aircraft Pierluigi DELLA VECCHIA, Università di Napoli Federico II, Italy	36 Time and Energy Managed Operations, TEMO Citation flight trials Ronald VERHOEVEN, NLR, The Netherlands	200 In-Flight PIV for CROR Flight Test Demonstration Gael NAPIAS, ISAE, France	216 Wind tunnel test of a 1:6-scaled half wing model with a full-span droop-nose leading edge Seiji ADACHI, FraunhoferInstitute dor Building Physics, Germany
18:00	211 The studies on laminar wing aircraft for regional and short range routes Anatoly BOLSUNOVSKY, TsAGI, Russia	35 Preliminary Design and Performance of a Morphing Winglet for Green Regional A/C Ignazio DIMINO, CIRA, The Italian Aerospace Research Center, Italy	77 On board weather model in the Flight Management System Patrick DELPY, Thales Avionics, France	59 Large Eddy Simulation based analysis of 3 aeronautical injector architectures on CO and NO emissions at two operating conditions. Lisa BOUHERAOUA, Safran Group, France	191 Aerodynamic noise reduction using active flow control techniques Mahdi AZARPEYVAND, University of Bristol, United Kingdom
18:30	END OF DAY				

October 13th, 2016

	ROOM 201	ROOM 202	ROOM 204	ROOM 206	ROOM 211
	Aerodynamics 3 <i>Chairman: Cornelia HILLENHERMS, DLR, Germany</i>	Structures 2 <i>Chairman: Vittorio SELMIN, CSJU, Belgium</i>	Green and safe systems and operations 2 <i>Chairman: Antonio VECCHIO, CSJU, Belgium</i>	Propulsion 4 <i>Chairman: Michael KYRIAKOPOULOS, European Commission</i>	Noise reduction 6 <i>Chairman: Fayette COLLIER, NASA, United States</i>
09:00	79 Research activities of ONERA on laminar wings in the framework of JTI Clean Sky: transition prediction Maxime FORTE, ONERA, France	144 A critical assessment on the use of multifunctional composites in aeronautics structural applications Dimitris SARAIVANOS, University of Patras, Greece	197 Environmentally optimized trajectories - ATM for Environment, ATM4E Sigrun MATTHES, DLR e.V, Germany	129 On the way to Open Rotor Aircraft Nancy MALEO, Safran Aircraft Engines, France	219 Assessment of community noise for aircraft with open rotor engines based on numerical simulation Ivan BELYAEV, TsAGI, Russia
09:30	152 Green Regional Aircraft Gust Response Sylvie DEQUAND, ONERA, France	208 Hybrid Laminar Flow Control Large Scale Demonstration in the CleanSky 2 Large Passenger Aircraft - IADP Jeronimo MEDINA-GONZALEZ, Airbus, Spain	136 Ecological impact of air traffic control en-route charging zones in multi criteria optimized flight paths Martin LINDNER, Dresden University of Technology, Institute of logistics and aviation, Germany	126 Propeller Blade Debris Kinematics: Blade debris trajectory computation with Aerodynamic effects using new FSI formulations Roland ORTIZ, ONERA, France	5 Tools, Modelling and Measurements of Aircraft Noise Antonio FILIPPONE, University of Manchester, United Kingdom
10:00	132 Green Regional A/C ITD Low Noise Configuration Domain: Gust Load Alleviation Ground Demonstration Alessandro DURANDO, Leonardo Aircraft, Italy	88 Deformable Morphing Leading Edge of an Actively Blown High Lift System Srinivas VASISTA, DLR TU Braunschweig, Germany	117 Adapting the glide path angle at landing to reduce aircraft noise in the vicinity of airports Anne DUMOULIN, Airbus, France	150 Toward a better correlation between Z49 test and aeroelastic computations Yann MAUFFREY, ONERA, France	
10:30		209 Liquid Resin Infusion technology for the manufacturing of outer wing box stiffened panels Ignacio DIMINO, CIRA, Italy	146 A toolchain for optimizing trajectories under real weather conditions and realistic flight performance Stanley FÖRSTER, TU Dresden, Germany	157 Cleansky GRC4: Light Helicopter Demonstrator with High-Compression Engine Alexandre GIERCZYNSKI, Airbus Helicopters, France	
11:00	COFFEE BREAK				
11:30	Round table 5: Airlines and airports point of view on disruptive configurations and operations Moderator : Eric Dautriat, ex-Executive Director, CSJU Thomas ROETGER, Deputy Director, Aviation Environment - Technology, IATA, Switzerland Chris SCHNEIDER, Senior Airside Masterplanner, Munich Airport, Germany Ron van MANEN, Program Manager, Clean Sky JU Kay PLOTNER, Team leader, Bauhaus Institute, Germany				
12:30	NETWORKING LUNCH				

October 13th, 2016

	ROOM 201	ROOM 202	ROOM 204	ROOM 206	ROOM 211
	Aerodynamics 4 <i>Chairman: Cornelia HILLENHERMS, DLR, Germany</i>	Structures 3 <i>Chairman: Ignazio DIMINO, CIRA, Italy</i>	Alternative fuels 1 <i>Chairman: Thomas ROETGER, IATA, Switzerland</i>	Propulsion 5 <i>Chairman: Michael KYRIAKOPOULOS, European Commission</i>	Evaluation of environmental impact 3 <i>Chairman: Ron van MANEN, Clean Sky, Belgium</i>
13:30	68 Effect of an aerodynamic rudder improvement on transport aircraft lateral-directional dynamic stability and control Miguel CASTILLO ACERO, Aernnova, Spain	156 Development of an Active Morphing Wing with Novel Adaptive Skin for Aircraft Control and Performance Alvin GATTO, Brunel University London, United Kingdom	187 A harmonized stochastic analysis of renewable jet fuel costs of production Seamus BANN, MIT, USA	9 Scouting high performance steels for gears and bearings Oscar BEER, FAG Aerospace GmbH & Co, KG, Germany	171 EU funded aviation noise research effort: overview and progress assessment. Dominique COLLIN, Safran, FR
14:00	6 Micro camera system for understanding the typical level of insect contamination on drag Alain LAURENT, LMSM, France	89 Structural health monitoring in aircraft using highly non-linear sensing devices Helge PFEIFFER, University of Leuven, Belgium	13 Techno-Economic Assessment Of The Production Of Synthetic Jet Fuel From Carbon Sources And Renewable Hydrogen Andre THESS, DLR, Germany	148 Structural Investigations on a Front Composite Counter-Rotating Open Rotor Blade Aerofoil Yves TOSO, German Aerospace Center, Germany	189 Comparison between aircraft noise annoyance parameters extracted from overflight sound measurements and calculated with an aeronautical acoustic model in the context of new operation procedures. Anne-Laure VERNEIL, ENVISA, FR
14:30		122 Adaptive Wing: Investigations of Passive Wing Technologies for Loads Reduction in the CleanSky Smart Fixed Wing Aircraft, SFWA Project Johannes DILLINGER, DLR, Germany	215 Concepts of Aircraft with Alternative Fuels or Sources of Energy Andrey SHUSTOV, TsAGI, Russia	90 Test bench and measurement system development for classical and more-electric aero-engine oil system components characterization Patrick HENDRICK, Université Libre de Bruxelles, Belgium	114 Environmental Studies in the licensing process of Airports in Brazil Tania Cristina CALDAS, Infraero, Brazil
15:00	COFFEE BREAK				
	Aerodynamics 5 <i>Chairman: Cornelia HILLENHERMS, DLR, Germany</i>	Structures 4 <i>Chairman: Ignazio DIMINO, CIRA, Italy</i>	Alternative fuels 2 <i>Chairman: Thomas ROETGER, IATA, Switzerland</i>	Green and safe systems and operations 3 <i>Chairman: Peter HECKER, Braunschweig Univ., Germany</i>	Evaluation of environmental impact 4 <i>Chairman: Ron van MANEN, Clean Sky, Belgium</i>
15:30	94 Experimental investigation and control of gust load response in transonic flow Arnaud LEPAGE, ONERA, France	41 Innovative Wing Tip Equipped with Morphing Upper Surface and Morphing Aileron Ruxandra BOTEZ, ETS, Canada	222 Alternative fuels for aviation: Main R&D needs for a better understanding of fuel / aircraft interactions Nicolas JEULAND, Safran, France	19 Onboard trajectory optimization for weather avoidance and emission reduction Gabriella SERAFINO, Finmeccanica, Italy	112 Overview on the Clean Sky Technology Evaluator assessments Aif JUNIOR, DLR, Germany
16:00	69 Highly Integrated Electrically Driven Active High-Lift Compressor Systems for Future Civil Aircraft Felix KAUTH, Institute of Turbomachinery and Fluid Dynamics, Leibniz University, Germany	162 Design and Wind Tunnel Validation of Future Green Regional A/C Gust Load Alleviation Control System: an overview of GLAMOUR Project Sergio RICCI, Politecnico di Milano, Italy	169 Dynamic cost-benefit assessment of aviation biofuels Robert MALINA, Hasselt University, USA	115 Environmental impact of enhanced arrival procedures using Multiple Runway Aiming Point, MRAP operational concept Anthony INARD, Eurocontrol, Belgium	93 Clean Sky Technology Evaluator - On the Environmental Impact Assessment of Green Rotorcraft Technologies Alejandro CASTILLO PARDO, Cranfield University, UK
16:30	63 Riblets: ready for application on next generation aircrafts? Renato TOGNACCINI, Università du Napoli Federico II, Italy	54 Design and validation of a novel wing flap architecture with bi-modal camber morphing capabilities Rosario PECORA, Università di Napoli Federico II, Italy		174 Towards Wake-resistant Aircraft for Safer and Greener Aviation Nicolas FEZANS, DLR, Germany	167 Assessment of the CS technologic innovation benefits relevant to rotorcraft emissions Mario Antonio SOLAZZO, CIRA S.C.p.A, Italy

updated October, 08, 2016

17:30	139 Numerical restitution of gust load response in transonic flow Fabien HUVELIN, ONERA, France	137 Development, manufacturing and testing of a 1:1 scaled smart morphing leading edge Demonstrator Conchin CONTELL ASINS, Fraunhofer LBF, Germany		140 Clean-Sky SGO Flight lab demonstration focused on electrical ECS Kader BENMACHOU, LIEBHERR, France	73 Clean Sky - Environmental impact at airport level Michel VAN EENIGE, NLR, The Netherlands
18:00				107 Systems Power modelling for Twin Engine Medium Rotorcraft Hernan AMAYA, Cranfield University, UK	
18:30 19:00	GREENER AVIATION 2016 AWARD (SILVER HALL)				