

AERODAYS 2015

Seventh European Aeronautics Days 2015 - "Aviation in Europe - Innovating for Growth"
Queen Elizabeth II Conference Centre, London/ UK, 20 - 23 October 2015

Key Theme	Seamless and Efficient Mobility	Competitiveness of Aviation Industry	Greening of Aviation	Safety and Security	Skills and Breakthrough	Research and Innovation Policy	Total		
	5	14	12	7	6	10	54		
Technical	Clean Sky	Alternative Fuels	Noise & Vibrations	Design Tools & Production	Avionics	Systems & Equipment	International Cooperation	Research & Innovation Policy	SESAR
Total	78	27	1	2	3	2	3	7	1
	Safety & Security	Mobility & Operations	Breakthrough Concepts	Structures & Materials	Propulsion	Standards & Regulations	Flight Physics	Rotorcraft	Outreach
	5	5	4	4	3	1	2	1	2
	Maintenance, Disposal & Recycling								
	2								

Aerodays 2015 Draft Programme

Tuesday, 20 October 2015

Day 1: Registrations										
Opening										
Lunch										
Plenary 1										
Parallel	1	1A (large)	1B	1C	1D	1E	1F	1G	1H	1I
Key Theme	Greening of Aviation	Greening of Aviation	Greening of Aviation	Greening of Aviation	Competitiveness of Aviation Industry	Competitiveness of Aviation Industry	Greening of Aviation	Research and Innovation Policy	Research and Innovation Policy	Research and Innovation Policy
Technical	Clean Sky	Alternative Fuels	Noise & Vibrations	Design Tools & Production	Avionics	Avionics	Systems & Equipment	International Cooperation	Research & Innovation Policy	Research & Innovation Policy
Title	Clean Sky Forum	Alternative Aviation Jet Fuels	Noise Reduction Technologies	Technology Assessment of Environmental and Economic Impact	Advanced Avionics - Aid to Piloting	Advanced Avionics - Aid to Piloting	Towards More Electrical Aircraft	European and International networks	Knowledge Transfer in Aviation	Aviation RTD Initiatives in the EU Member States (I)
Chair										
1	Clean Sky Impact on Aeronautical Research Eric Dautriat Clean Sky JU	European Network of Excellence for Sustainable Alternative Fuels for Aviation CORE-JetFuel Johannes Michel FNR	Aviation Noise Research Network and Coordination X-NOISE EV Dominique Collin SNECMA	TEAM_Play and its Role in European Aviation Environmental Modelling TEAM_Play Paul Brok NLR	Advanced Cockpit for Reduction of Stress and Workload ACROSS Linda Napoletano (TBC) Deep Blue SRL	Advanced Cockpit for Reduction of Stress and Workload ACROSS Linda Napoletano (TBC) Deep Blue SRL	Modular Electro Mechanical Actuators for the Next Generation of Aircraft ACTUATION2015 Sylvain Claimand / Yvan Carlier Actuation & Propeller Systems	TBC	Harmonizing the European Dissemination Landscape in Research and Innovation for the Aerospace Sector E-CAERO 2 Pedro Diez Universitat Politècnica de Catalunya	The Aeronautics ERA-Net AirTN NextGen AirTN NextGen Marcello Amato CIRA
2	Overview of Clean Sky Technical Programme Giuseppe Pagnano Clean Sky JU	Alternative Fuels for Aviation ITAKA Inmaculada Gómez SENASA	Experimental and Numerical Investigation of Installation Effects in Environmental Control Systems IDEALVENT Christophe Schram von Karman Inst. for Fluid Dynamics	CLEAN SKY Technology Evaluator Clean Sky / DLR	All Condition Operations and Innovative Cockpit Infrastructure ALICIA Robert Blake / Simeon Wincott Agusta Westland Ltd	All Condition Operations and Innovative Cockpit Infrastructure ALICIA Robert Blake / Simeon Wincott Agusta Westland Ltd	Reliability and Safety Enhanced Electrical Actuation System Architectures RESEARCH Andrés Jiménez Olazábal CESA	Aero-Ukraine - Results from a Project Stimulating Cooperation between Ukraine and the EU AERO-UKRAINE Roland Guraly Slot Consulting Ltd	European Aeronautics Universities - Hatchery of New Knowledge and Breakthrough Technologies Goraj Zdobyslaw EASN / Univ. Warsaw	TBC
3	Clean Sky Technical Achievements to Date Giuseppe Pagnano Clean Sky JU	Progress and Perspectives of Solar Fuels SOLAR-JET Andreas Sizmann Bauhaus Luftfahrt	Airframe Noise Reduction Technologies applied to High Lift Devices of Future Green Regional Aircraft Clean Sky	Presentation of the IMPACT Tool and the Environment activities in SESAR Laurent Cavadini Eurocontrol	A Step Ahead to the 2nd Generation of Integrated Modular Avionics ASHLEY Thierry Maret THALES	A Step Ahead to the 2nd Generation of Integrated Modular Avionics ASHLEY Thierry Maret THALES	Smart Electrical Power Distribution Centre for the Evaluation of More Electrical Aircraft TBD Clean Sky	Bridging Eastern and Western aerospace actors BEWARE Kristo Reinsalu Invent Baltics	FUTURE SKY and the Central Role of Research Establishments in the Aviation R&TD Cycle Paul Eijssen EREA / NLR	TAKE-OFF - The Austrian Aeronautics Research Programme Ingrid Kernstock BMVIT
4	On the Way of the Open Rotor Ground Demonstration	Alternative Fuels and Biofuels for Aircraft Development ALFA-BIRD Yohan Allouche Airbus Group	Full-scale Wind Tunnel Demonstration of Nose Landing Gear Low-Noise Technologies for Future Regional Aircraft Clean Sky		Real Time Adaptive Processing of Multisource Weather Data Clean Sky	Real Time Adaptive Processing of Multisource Weather Data Clean Sky	A Computational Framework for Aircraft Design and Certification to Minimise the Risk of Electromagnetic Interference HIRF SE Marco Bozzetti Alenia Aermacchi	TBC	Establishing Knowledge and Technical Networks to Increase European Competitiveness in the Field of Aerospace Pierre Bescond CEAS	TBC
Coffee Break										
Parallel	2	2A (large)	2B	2C	2D	2E	2F	2G	2H	2I
Key Theme	Greening of Aviation	Safety and Security	Greening of Aviation	Competitiveness of Aviation Industry	Competitiveness of Aviation Industry	Competitiveness of Aviation Industry	Safety and Security	Competitiveness of Aviation Industry	Research and Innovation Policy	Research and Innovation Policy
Technical	Clean Sky	Safety & Security	Noise & Vibrations	Design Tools & Production	Avionics	Avionics	Systems & Equipment	Rotorcraft	International Cooperation	Research & Innovation Policy
Title	Clean Sky Forum	Enhancing Safety in Single European Sky	Reducing Engine Noise	Aircraft Design Tools	Human Centred Systems	Human Centred Systems	Novel Sensor and On-board Systems	Advanced Rotorcraft Technologies	Canadian RTD Activities in Aviation	Research & Innovation Policy
Chair										
1	The Clean Sky 2 Programme Ron van Manen Clean Sky JU	Overview of SESAR Safety Activities Olivia Nunez SESAR JU	Research on Core Noise Reduction RECORD Friedrich Bake DLR	Innovations in Aircraft Architecture Selection TOICA Pierre Arbez Airbus Operations SAS	Applying Pilot Models for Safer Aircraft A-PIMOD Andreas Hasselberg DLR	Applying Pilot Models for Safer Aircraft A-PIMOD Andreas Hasselberg DLR	Using Millisecond Radio Pulsar Signals in Aircraft Navigation PULSARPLANE Henk Hesselink NLR	Light Helicopter Demonstrator with High Compression Engine Clean Sky / Airbus Helicopters	International Cooperation in Aeronautics Research - A Canadian Perspective Jerzy Komorowski NRC	TBC
2	The Clean Sky 2 Airframe Integrated Demonstration Yvon Ollivier Dassault Aviation	Preventing Runway Incursion: How to Design a Safe Conflicting ATC Clearance System Bruno Rabiller Eurocontrol	Innovative Counter Rotating Fan system for High Bypass Ratio aircraft Engine COBRA Nabil Ben Nasr ONERA	Bringing Uncertainty Management and Robust Design Methodologies to Industrial Levels UMRIDA Charles Hirsch NUMECA	Using (just) Your Brain to Control an Airplane - How the Future of Aviation will pass through Brain Controlled Aircrafts BRAINFLIGHT Rob Whitehouse TEKEVER	Using (just) Your Brain to Control an Airplane - How the Future of Aviation will pass through Brain Controlled Aircrafts BRAINFLIGHT Rob Whitehouse TEKEVER	The Safer Fuel System SAFUEL Bruno Reynard ZODIAC AEROTECHNICS	Eco-Fairs: Development of Thermoplastic Structural Fairing for Helicopters Clean Sky	CARIC and Canadian R&D Capabilities Alain Aubertin CARIC	TBC
3	The SYSTEMS Demonstration Programmes in Clean Sky and Clean Sky 2 Gilles Poussin THALES	Airport Safety Nets for Pilots, Vehicle Drivers and Controllers Nicolas Leon DSNA	A 2.3 dB Contribution to the ACARE Noise Objective OPENAIR Eugène Kors SAFRAN, Snecma	Simulation Tools for Aircraft Ditching SMAES James Campbell Cranfield University	Immersive Semantics-Based Virtual Environments for the Design and Validation of Human-centred Aircraft Cockpits i-VISION Dimitris Mavrikios University of Patras	Immersive Semantics-Based Virtual Environments for the Design and Validation of Human-centred Aircraft Cockpits i-VISION Dimitris Mavrikios University of Patras	Advanced Avionics Equipment Simulation ADAVES Clean Sky	A Market and Operational Perspective on the Acoustic Benefits of Clean Sky Green Rotorcraft Technologies Clean Sky	The Canadian Efforts on the Expedient Integration of Alternative Fuels including Biofuels in Aviation Wajid Ali Chishty NRC	TBC
4	The ENGINE Demonstration Programmes in Clean Sky and Clean Sky 2	STAM Safety Assessment: from Design to Live Trials Octavian Fota Eurocontrol	Jet Noise of High Bypass Ratio Engine: Installation & Advanced Modelling JERONIMO Michael Bauer Airbus Group	Canada - Propulsion System Integration and Optimization at the Preliminary Design Phase Hany Moustapha AEROETS	Manual Operation of 4th Generation Airliners Man4Gen Arjan Lemmers NLR	Manual Operation of 4th Generation Airliners Man4Gen Arjan Lemmers NLR	UK - The HEEDS Project - The Need for Harsh Environment Electronic Systems in the UK Aerospace System Pillar	Novel Innovative Competitive Effective Tilt Rotor Integrated Project	National Research Council Canada - Programs and Opportunities Steven Parkinson NRC	TBC
5		Example of Safety Assessment - Civil Airspace Integration of RPAS in Europe CLAIRE Neil Watson THALES UK								
End of Day 1										
Drinks Reception at Lancaster House										

Wednesday, 21 October 2015										
Day 2: Registrations										
Parallel	3	3A	3B	3C	3D	3E	3F	3G	3H	3I
Key Theme	Greening of Aviation	Greening of Aviation	Greening of Aviation	Competitiveness of Aviation Industry	Competitiveness of Aviation Industry	Skills and Breakthrough	Safety and Security	Competitiveness of Aviation Industry	Research and Innovation Policy	Research and Innovation Policy
Technical Title	Mobility & Operations	Clean Sky	Systems & Equipment	Design Tools & Production	Design Tools & Production	Breakthrough Concepts	Safety & Security	Structures & Materials	International Cooperation	Research & Innovation Policy
Chair	Greening Air Traffic Management in Europe	CLEAN SKY Technical FORUM	Innovative Cabin and Cargo Systems	Advanced CFD-Tools and Measurement Techniques for Aircraft-Design	Advanced CFD-Tools and Measurement Techniques for Aircraft-Design	Novel Propulsion Systems	Enhancing Aviation System Safety	Advanced Manufacturing & Materials	International Cooperation in Aeronautics Research	Research & Innovation Policy
1	SESAR and the Environment Celia Rodrigues SESAR JU	Preparation of the Airbus A340-300 BLADE Natural Laminar Wing Flight Test Demonstrator Clean Sky	Innovative Bifunctional Aircraft Window for Lighting Control to Enhance Passenger Comfort IN-LIGHT Ana Viñuales IK4-CIDETEC	Furthering High-Fidelity CFD Prediction Go4Hybrid Frank Thiele CFD Software E+F GmbH	Furthering High-Fidelity CFD Prediction Go4Hybrid Frank Thiele CFD Software E+F GmbH	The Distributed Open-Rotor Aircraft SOAR Bjoern Nagel DLR	Fire Risk Assessment in the New Generation of Aircraft AircraftFire Jean-Michel Most CNRS	M4 - Bringing Industry 4.0 to UK Aerospace Manufacturing Keith Jackson Meggit	TBC	TBC
2	Minimising Noise at Airports Christelle Ledauphin Airbus Prosky	Structural Design of High Lift and Load Control and Alleviation Devices for a Natural Laminar Flow Wing Clean Sky	Improving Access to Air Transportation for Disable and Older People ICARUS Javier Blázquez Fundacion ONCE	An Integrated Platform for Shape Optimisation Based on a High-Performance Meshless Morphing Technique RBF4AERO Giorgio Urso National Research Council of Italy	An Integrated Platform for Shape Optimisation Based on a High-Performance Meshless Morphing Technique RBF4AERO Giorgio Urso National Research Council of Italy	Distributed Propulsion and Ultra-High Bypass Rotor Study at Aircraft Level DISPUSAL Askin Isikveren Bauhaus Luftfahrt e.V.	Aviation Safety and Certification of New Operations and Systems ASCOS Lennaert Speijker NLR	HORIZON - The Research and Development Programme on Additive Manufacturing in the UK GKN	TBC	TBC
3	Impact of SESAR Solutions on Fuel Burn Aurora Simonetti SICTA	High-Speed Demonstration of Natural Laminar Flow Wing & Load Control for Future Regional Aircraft through Innovative Wind Tunnel Model Clean Sky	Blast Mitigation Strategies for the Aeronautic Sector Exploiting Lightweight Solutions FLY-BAG2 Alessandro Bozzolo D'Appollonia S.p.A. (RINA Group)	Manipulation of Reynolds Stress for Flow Control: A Europe-China Collaborative Research Project MARS Ning Qin University of Sheffield	Manipulation of Reynolds Stress for Flow Control: A Europe-China Collaborative Research Project MARS Ning Qin University of Sheffield	Towards Certifiable Hybrid Powertrains for Electric Aircraft HYPSTAIR Gregor Veble Pipistrel d.o.o. Ajdovščina	Proactive Systemic Safety Performance Management PROSPERO Nick McDonald Trinity College Dublin	Developments in the Additive Manufacture of Aero Engine Components MERLIN Carl Hauser TWI Ltd	TBC	TBC
4	RISE: Improving Aircraft Performance Robin Deransy Eurocontrol	An Innovative Semi-Empirical System for Laminar Wing Ice Protection Clean Sky	The Cabin & Cargo System Demonstrator Platform in Clean Sky 2 Clean Sky	Advanced In-Flight Measurement Techniques - An Overview on Modern Optical Measurement Techniques for Flight Testing Applied within AIM and AIMP AIM² Fritz Boden DLR	Advanced In-Flight Measurement Techniques - An Overview on Modern Optical Measurement Techniques for Flight Testing Applied within AIM and AIMP AIM² Fritz Boden DLR	Tangential Impulse Detonation Engine TIDE Ionuț Porumbel COMOTI	Future Sky Safety - or how safety researchers in Europe will help breaking the 10-8 barrier together FUTURE SKY SAFETY Michel Piers NLR	Laser Beam Welding of 3rd Generation Al-Li-Alloys for Fuselage Applications Clean Sky	TBC	TBC
5	Urban Airspace Design: Relation of Airspace Capacity and Airspace Structure in Extreme Traffic Densities METROPOLIS Jacco Hoekstra TU Delft					New Frontiers of Aeronautical Propulsion through Coanda Effect ACHEON Michele Trancossi Univ. of Modena and Reggio Emilia		Nanotechnologies in Multifunctional Aerospace Parts: Potential and Results at Bombardier Bombardier		
Transfer										
Parallel	4	4A (large)	4B	4C	4D	4E	4F	4G	4H	4I
Key Theme	Seamless and Efficient Mobility	Seamless and Efficient Mobility	Competitiveness of Aviation Industry	Competitiveness of Aviation Industry	Competitiveness of Aviation Industry	Skills and Breakthrough	Safety and Security	Seamless and Efficient Mobility	Skills and Breakthrough	Research and Innovation Policy
Technical Title	Mobility & Operations	Mobility & Operations	Propulsion	Flight Physics	Structures & Materials	Breakthrough Concepts	Safety & Security	Mobility & Operations	Outreach	Research & Innovation Policy
Chair	Integrating Remotely Piloted Aircraft Systems into Civil Airspace	Integrating Remotely Piloted Aircraft Systems into Civil Airspace	Key Engine Technologies	Flow Control and Drag Reduction	Advanced Aerostructures	Innovative Aircraft Configurations	Weather & Atmospheric Hazards	Small Air Transport Systems	Skills and Knowledge in Aviation	Progress towards ACARE Goals
1	Overview of SJU RPAS Activities and Results Celia Rodrigues SESAR JU	Overview of SJU RPAS Activities and Results Celia Rodrigues SESAR JU	Paving the Way for Next Generation Aircraft and Engine AHEAD Arvind Gangoli Rao TU Delft	High-Performance High-Lift Device Design for Laminar Wings DESIREH Jochen Wild DLR	High Quality Aerospace Composite Stringers using State of the Art Pultrusion Manufacturing Techniques PUL-AERO Jahn Hartley Evel Composites UK	Enabling Technologies for Personal Aerial Transportation Systems myCopter Heinrich Bühlhoff Max Planck Institute for Biological Cybernetics	High Altitude Ice Crystals - Improving Aircraft Operation in High Ice Water Content Environments HAIC Fabien Dezitter Airbus	Small Air Transport Roadmap Status SAT-Rdmp Krzysztof Piwek Institute of Aviation, Poland	Promoting Aeronautics Innovation & Research PROMO-AIR Apostolos Chamos University of Patras	Are We Doing the Right Safety Research, and Are We Doing It Right? OPTICS Barry Kirwan EUROCONTROL
2	ATM Innovative RPAS Integration for Coastguard Applications ARICA Jos Stevens NLR	ATM Innovative RPAS Integration for Coastguard Applications ARICA Jos Stevens NLR	Combustor-Turbine Interaction Research FACTOR Alexis Germain SNECMA SAFRAN	Active Flow - Loads & Noise control on next generation wing (AFLoNext) - Overview and Results after 2nd project year AFLoNext Martin Wahlich Airbus Operations GmbH	Creating Nonconventional Laminates CANAL Ronald Klomp - de Boer NLR	A Novel Disk-Shaped Vertical Take-off and Landing Aircraft for Urban Mobility ANULOID Erasmio Carrera Politecnico di Torino	A Step Forward in Icing Simulation & Ice Protection Technology for Aircraft Engines STORM Morgan Balland SNECMA	Roadmap for Quality in EU Aero-Engineering Curricula ESPOSA Reimund Bernelli Politecnico di Milano	Towards Cost Efficient Design Systems and Tools, Production and Avionics in Aeronautics CATER Fabien Marty EUROCONTROL	
3	RPAS ATM Integration Demonstration (RAID) Filippone Edoardo CIRA	RPAS ATM Integration Demonstration (RAID) Filippone Edoardo CIRA	Smart Design Systems for Low NOx, Highly Efficient Aero-Engine Combustors IMPACT-AE Rud Egels Rolls-Royce Deutschland	Receptivity Analysis and Transition Prediction for Three-dimensional Boundary-layer Flows RECEPT Ardeshir Hanifi KTH Royal Institute of Technology	Composite Fuselage One Piece Barrel: Integrated Development and Prototype Demonstration. Clean Sky	Cycloidal Rotors Optimized for Propulsion CROP José Páscoa University of Beira Interior	Japanese-European De-Icing Aircraft Collaborative Exploration JEDI ACE Nadine Rehfeld Fraunhofer IFAM	UK - Inspiring a Future Generation – the Key to Future Innovation Paul Broadhead Rolls-Royce	Coordinating Air Transport Time Efficiency Research CATER Fabien Marty EUROCONTROL	
4	Civil Airspace Integration of RPAS in Europe (CLAIRE) Ramon Raposo NATS	Civil Airspace Integration of RPAS in Europe (CLAIRE) Ramon Raposo NATS	CS - Integrated CFD-Acoustic Computation Approach to the Simulation of Open Rotors Clean Sky	BUCOLIC - Characterization of Buffet on a Civil Aircraft Wing Clean Sky	Application of Structural Health Monitoring in New Aircraft Configurations Clean Sky	Advanced Cryogenic Tank Technologies CHATT Martin Sippel DLR-SART	Ultra-Fast Wind for Wake Vortex Hazards Mitigation UFO Fabrice Orlandi Thales Air Systems	Canada - Aerospace Training Collaboration in Montreal to Address Future Skills Needs Hany Moustapha AEROETS	FORUM-AE - Main Results on Aviation Emissions Environmental Issues FORUM-AE Olivier Penanhoat SNECMA	
Plenary										
Lunch										
Plenary										
Coffee Break										
Parallel	5	5A (large)	5B	5C	5D	5E	5F	5G	5H	5I
Key Theme	Safety and Security	Safety and Security	Competitiveness of Aviation Industry	Competitiveness of Aviation Industry	Competitiveness of Aviation Industry	Skills and Breakthrough	Greening of Aviation	Seamless and Efficient Mobility	Research and Innovation Policy	Research and Innovation Policy
Technical Title	Standards & Regulations	Standards & Regulations	Propulsion	Flight Physics	Structures & Materials	Breakthrough Concepts	Maintenance, Disposal & Recycling	Mobility & Operations	Research & Innovation Policy	Research & Innovation Policy
Chair	EASA Forum	EASA Forum	Engine Systems and Integration	Enhanced Aerodynamics	Morphing Structures	Air Transport System of the Future	Innovative Maintenance and Repair incl. Recycling	Addressing the Future Challenges of Airports	Research & Innovation Policy	Research & Innovation Policy
1	EASA Research Strategy SIVEL Eric (EASA) or Luc TYTGAT (EASA)	EASA Research Strategy SIVEL Eric (EASA) or Luc TYTGAT (EASA)	Surface Heat Exchangers for Aero Engines SHEFAE Ben Williams Rolls-Royce	A Pioneering Project on Novel and Morphing Aircraft Greening Solutions NOVEMOR Alzal Suleman Instituto Superior Tecnico	Development of a Morphing Prototype Wing Combining Different Morphing Mechanisms CHANGE Rob Whitehouse TEKEVER	A Magnetic Levitation Technology to Assist the Aircraft Take-off and Landing Processes GABRIEL Daniel Rohacs REA-TECH Ltd	Global In-Flight Structures Health Monitoring of Composite Aerostructures Based on Vibration Analyses VIBRATION Mihalis Kazilas TWI Ltd	The Airport of 2050+ 2050AP Pim van Leeuwen NLR	TBC	TBC
2	Agency's Needs and Research Priorities	Agency's Needs and Research Priorities	Advanced Instrumentation for Gas Turbines STARGATE Mark Langley TU Delft	Non-intrusive Optical Pressure and Loads Extraction for Aerodynamic Analysis NIOPLEX Bas van Oudheusden TU Delft	Application of Macro Fiber Composite Patches for Manufacturing a Self Deforming Thin Walled Beam FUTUREWINGS Vincenzo Binante University of Pisa	Operations on a Circular Runway ENDLESS RUNWAY Henk Hesselink NLR	Cold Spraying as a New Approach to Maintenance in Aeronautics CORSAIR Mario Guagliano Politecnico Di Milano	Innovative Tools and Advanced Procedures to solve Today's Turnaround Inefficiencies INTERACTION Rubén Martínez Advanced Logistics Group	TBC	The UK's National Aerospace Strategy ATI
3	EASA and Innovative Research	EASA and Innovative Research	Composite Fan Blades for Large Turbofan Engines: Verifying and Manufacturing the Future Clean Sky	Transition Location Effect on Shock Wave Boundary Layer Interaction TFAST Piotr Doerfler IMP PAN Gdansk	Smart Intelligent Aircraft Structures SARISTU Piet Woelcken Airbus Operations GmbH	A Carrier-pod Aircraft Configuration for the Air Transport System beyond 2050 FANTASSY Vassilis Kostopoulos University of Patras	Quantitative Inspection of Complex Composite Aeronautic Parts Using Advanced X-ray Techniques QUICOM Christoph Heinzl University of Applied Sciences (AT)	Enhancing Intermodality at European Airports MODAIR Jean-François Perelgritz Airbus Group Innovations	TBC	ACARE-Italy and the New National Aeronautics Strategy Marco Protti Alenia Aermacchi
4	The Big Data Project	The Big Data Project	Design of Experiments to OPTIMIZE Design Solutions for a Power Reduction Gearbox Clean Sky	A European-Russian Cooperation for Improved Flight Performances BUTERFLI Philippe Reijasse ONERA	An Investigation of Shape Memory Alloys, as Actuating Elements, in Aerospace Morphing Applications Clean Sky	Revolutionizing Air Travel by Creating a Cruiser Enabled Air Transport Environment RECREATE Stephan Zajac NLR	Sustainability in Aviation – The ENDAMI Eco Design Tool Clean Sky	The Perfect Departure from Heathrow Airport Clean Sky	TBC	TBC
5							Aircraft Metals Recycling: Process, Challenges and Opportunities Clean Sky			
Transfer										
Plenary										
End of Day 2										

Day 3: Thursday, 22 October 2015										
Registrations										
Parallel	6	6A (large)	6B	6C	6D	6E	6F	6G	6H	6I
Key Theme		Seamless and Efficient Mobility	Competitiveness of Aviation Industry	Safety and Security	Competitiveness of Aviation Industry	Skills and Breakthrough	Greening of Aviation	Seamless and Efficient Mobility	Safety and Security	Skills and Breakthrough
Technical		SESAR	Propulsion	Safety & Security	Structures & Materials	Breakthrough Concepts	Maintenance, Disposal & Recycling	Mobility & Operations	Safety & Security	Outreach
Title		SESAR: High Performing Aviation for Europe	Innovative Engine Architectures	The Safety Issues of Wake Vortex in Aviation	Innovative Aero structures - from Concept to Manufacturing	Breakthrough Hi-Speed Aircraft Configurations	Innovative Maintenance and Repair incl. Recycling	Remotely Piloted Aircraft Systems	Enhancing Security incl. Cyber-Security in Aviation	CEAS -Students Contest - Award Presentations
Chair		David Bowen								
1		Partnering for Smarter Aviation Florian Guillermet SESAR JU	Ultra-High Bypass Ratio Aero-Engines - Research Achievements ENOVAL Edgar Merki MTU Aero Engines AG	TBC	Innovation for More Affordable Aircraft Structures MAAXIMUS Ralf Herrmann Airbus Operations GmbH	Paving the Way towards High Speed Transport HIKARI Emmanuel Blanvillain Airbus Group Innovations	A Life-Cycle Autonomous Modular System for Aircraft Material State Evaluation and Restoring System ALAMSA Michele Meo University of Bath	TBC	TBC	Presentation by each award winner
2		Why SESAR? Olivia Nunez SESAR JU	E-BREAK: Advanced aero-engines technology enablers E-BREAK Manuel Silva TURBOMECA	TBC	Low Cost Manufacturing and Assembly of Composite and Hybrid Structures LOCCOMACHS Maria Weiland SAAB Aeronautics	An International Experimental Flight Platform for High-Speed Transportation HEXAFly-INT Johan Steelant / Anatoly Gubanov ESA-ESTEC / TsAGI	Novel Self-Healing Composites For Aircraft Structural Components HIPOCRATES Vassili Kostopoulos Univ. Patras	Progress in Sense and Avoid for UAVs and optionally Piloted Vehicles Iraj Mantegh CARIC	TBC	
3		Researching and Developing SESAR Solutions Celia Rodrigues SESAR JU	Ultra-High Pressure-Ratio Aero-Engines LEMCOTEC Ralf von der Bank Rolls-Royce Deutschland	TBC	Boltless Assembling of Primary Aerospace Composite Structures BOPACS Jan Halm NLR	Hypersonic Morphing of a Cabin Escape System HYPMOCES Davide Bonetti DEIMOS Space S.L.U.	Improving the Aircraft Safety by Self Healing Structure and Protecting Nanofillers IASS Liberata Guadagno Salerno University	TBC	TBC	
4		What's Next for SESAR? David Bowen SESAR JU	Next Generation Ultrahigh Bypass Large Civil Turbofan: Technology Integration Challenge Clean Sky	TBC	Automating Aircraft Assemblies with Tight Tolerances Clean Sky	Evolutionary Technology Developments towards an International Flight Platform for High-Speed Transportation ATLLAS II Johan Steelant ESA-ESTEC	Additive Manufacturing for Future Repair and Maintenance for the Aerospace Industry RepAIR Rainer Koch University of Paderborn	A View on Light Remotely Piloted Aircraft Systems ULTRA Daniel Cobo-Vuilleumier INDRA	TBC	
Coffee Break										
Plenary	4	Connecting the World								
Closing		Air Transport of Tomorrow								
Lunch		VIP Exhibition Tour								
End of Day 3		END OF CONFERENCE / CLOSING OF EXHIBITION								