



FORUM 1

“DESIGN TOGETHER, GAIN TOGETHER”



FORUM 1

<p>20th September</p> <p>DAY 1</p> <p>MORNING</p>	08h00	Registration in IMC Foyer				
	09h00 to 11h00	Room 002 - Main Auditorium				
		Plenary Session: Introduction to the VIVACE Project and Forum 1				
		<p>This plenary session will welcome all delegates to Forum 1 and include:</p> <ul style="list-style-type: none"> * An introduction to the VIVACE project objectives and organisation * Overviews of the three main sub-projects for Aircraft (SP1), Engines (SP2) and Advanced Capabilities (SP3) * An explanation of the programme and the structure of parallel sessions 				
		Coffee				
		Room 002 (Main Auditorium)	Room 106	Room 104	Room 114	Room 115
	11h30 to 13h00	<p>Session 1: "Commercially Focused Work"</p> <p>Includes:</p> <ul style="list-style-type: none"> * VIVACE Interactive Business Environment Simulator (VIBES) * Introduction to Design and Optimisation within a Collaborative Environment (full demonstration is in session 6) * Life Cycle Modelling 	<p>Session 4: "Cost Reduction through Optimised Multi-disciplinary Design Processes"</p> <p>Includes:</p> <ul style="list-style-type: none"> * Gaining through Multi-disciplinary Design * Helicopter Life Cycle Cost Reduction through Pre-design Optimisation * Whole Engine Optimisation 	<p>Session 5: "Improving the Efficiency of Supply Chains"</p> <p>Includes:</p> <ul style="list-style-type: none"> * The Supply Chain Model Builder * An Internal Logistics Simulator 		<p>Session 8: "What Knowledge Engineering processes and Collaborative Methods and Tools offer to the Aeronautical Industry"</p> <p>Includes:</p> <ul style="list-style-type: none"> * Knowledge Enabled Engineering - Supporting the Engineer, the Process and the Product across the Extended Enterprise
	Lunch					



FORUM 1

<p>20th September</p> <p>DAY 1</p> <p>AFTERNOON</p>	<p>14h00 to 15h30</p>	<p>Room 002 (Main Auditorium)</p>	<p>Room 106</p>	<p>Room 104</p>	<p>Room 114</p>	<p>Room 115</p>	
		<p>Session 2a: “Systems & Products Simulation to Increase Design Fidelity and Reduce Development Cost”</p> <p>Includes: * Overview of Systems Simulation * First Assessment of Virtual Aircraft Approach for Fuel System Simulation * Hydraulic System Simulation</p>	<p>Session 4: "Cost Reduction through Optimised Multi-disciplinary Design Processes"</p> <p>Includes: * Fuselage Structural Optimisation * Pylon Design Optimisation * Optimising the Size of the Electrical System Installation</p>	<p>Session 7: "Engineering Data Management"</p> <p>Includes: * Intelligent Engineering with Engineering Data Management</p>	<p>Session 6: "Demonstration of an IT Environment to enable Development Cost Reduction and Design Quality Improvement in a Multi-Disciplined Extended Enterprise Scenario"</p> <p>Includes: * Design and Optimisation within a Collaborative Environment</p>	<p>Session 8: “What Knowledge Engineering Processes and Collaborative Methods and Tools offer to the Aeronautical Industry”</p> <p>Continued... Includes: * Knowledge Sharing across the Supply Chain * Collaborative methods and Tools – Awareness Training</p>	
	<p>Coffee</p>						
	<p>16h00 to 17h30</p>	<p>Room 002 (Main Auditorium)</p>	<p>Room 106</p>	<p>Room 104</p>	<p>Room 114</p>	<p>Room 115</p>	
		<p>Session 2a: “Systems & Products Simulation to Increase Design Fidelity and Reduce Development Cost”</p> <p>Continued ... Includes: * Electrical System - Multi-level Modelling * Integrated Modular Avionics Simulation and Modelling * Simulation of Aircraft Flaps System</p>	<p>Session 3: "Development Cost and Lead Time Reduction through Decision Support"</p> <p>Includes: * Supporting Early Balanced Decision Making by the "Design to Decision Objectives" (DtDO) Process * Demonstration of "Change Impact Analysis" methods for Aircraft Components</p>	<p>Session 7: "Engineering Data Management"</p> <p>Continued ... Includes: * COMPASS – Structure Simulation Context Management * Landing Gear Data Integration</p>	<p>Session 6: "Demonstration of an IT Environment to enable Development Cost Reduction and Design Quality Improvement in a Multi-Disciplined Extended Enterprise Scenario"</p> <p>Continued... Includes: * Design and Optimisation within a Collaborative Environment</p>	<p>Session 8: “What Knowledge Engineering processes and Collaborative Methods and Tools offer to the Aeronautical Industry”</p> <p>Continued ... Includes: * Collaborative methods and Tools – Awareness Training</p>	
	<p>17h30</p>	<p>Close of Day 1</p>					
	<p>19h00</p>	<p>BUS PICK-UP FOR DINNER IN STRATFORD-UPON-AVON</p>					



FORUM 1

<p>21st September</p> <p>DAY 2</p> <p>MORNING</p>	08h00	Registration in IMC Foyer				
	09h00 to 10h45	Room 002 (Main Auditorium)	Room 106	Room 104	Room 114	Room 115
		<p>Session 2a: “Systems & Products Simulation to Increase Design Fidelity and Reduce Development Cost”</p>	<p>Session 4: "Cost Reduction through Optimised Multi-disciplinary Design Processes"</p>	<p>Session 7: "Engineering Data Management"</p>	<p>Session 2b: “Systems & Products Simulation to Increase Design Fidelity and Reduce Development Cost”</p>	<p>Session 8: “What Knowledge Engineering Processes and Collaborative Methods and Tools offer to the Aeronautical Industry”</p>
	Continued ...	<p>Continued ...</p> <p>Includes:</p> <ul style="list-style-type: none"> * Gaining through Multi-disciplinary Design * The Calculation Engine for Trade-off Analysis * Overview of Wing Design Optimisation * Demonstration of Multi-Disciplinary Analysis Capability * The VIVACE Geometry Generator 	<p>Continued...</p> <p>Includes:</p> <ul style="list-style-type: none"> * Intelligent Engineering with Engineering Data Management 	<p>Includes:</p> <ul style="list-style-type: none"> * Introduction to Engine Simulation using Propulsion Object Oriented Simulation Software (PROOSIS) * Demonstration of PROOSIS Prototype 	<p>Includes:</p> <ul style="list-style-type: none"> * Knowledge Enabled Engineering - Supporting the Engineer, the Process and the Product across the Extended Enterprise 	
	Coffee					
	11h15 to 13h00	Room 002 (Main Auditorium)	Room 106	Room 104	Room 114	Room 115
		<p>Session 2a: Systems & Products Simulation to Increase Design Fidelity and Reduce Development Cost</p>	<p>Session 4: "Cost Reduction through Optimised Multi-disciplinary Design Processes"</p>	<p>Session 7: "Engineering Data Management"</p>	<p>Session 2b: “Systems & Products Simulation to Increase Design Fidelity and Reduce Development Cost”</p>	<p>Session 8: “What Knowledge Engineering Processes and Collaborative Methods and Tools offer to the Aeronautical Industry”</p>
	Continued ...	<p>Continued ...</p> <p>Includes:</p> <ul style="list-style-type: none"> * 3D Functional Tolerancing for Helicopter Rotor * Numerical Simulation Data Management and Traceability 	<p>Continued ...</p> <p>Includes:</p> <ul style="list-style-type: none"> * Whole Engine Development * Early Example of Dimensional Reduction * Test Planning a Laser Based Vibration Measurement 	<p>Continued...</p> <p>Includes</p> <ul style="list-style-type: none"> * COMPASS – Structure Simulation Context Management * Landing Gear Data Integration 	<p>Continued ...</p> <p>Includes:</p> <ul style="list-style-type: none"> * Advanced Applications of PROOSIS 	<p>Continued...</p> <p>Includes:</p> <ul style="list-style-type: none"> * Knowledge Sharing across the Supply Chain * Flexible IT Infrastructure for VIVACE Use Cases
	Lunch					



FORUM 1

		Room 002 (Main Auditorium)	Room 106	Room 104	Room 114	Room 115
21st September DAY 2 AFTERNOON	14h00 to 15h30	Session 9: Third Tier Suppliers Focus	Session 3: "Development Cost and Lead Time Reduction through Decision Support"	Session 5: "Improving the Efficiency of Supply Chains"	Session 6: "Demonstration of an IT Environment to enable Development Cost Reduction and Design Quality Improvement in a Multi-Disciplined Extended Enterprise Scenario"	Session 8: "What Knowledge Engineering Processes and Collaborative Methods and Tools offer to the Aeronautical Industry"
		Includes: * Capture of 3rd Tier Suppliers Requirements * A SME Experience in VIVACE * Enabling ICT Area - Identified Suppliers needs Towards VIVACE Research	Includes: * Supporting Early Balanced Decision Making by the "Design to Decision Objectives" (DtDO) Process * Demonstration of "Change Impact Analysis" methods for Aircraft Components	Includes: * An Internal Logistics Simulator	Continued... Includes: * Design and Optimisation within a Collaborative Environment	Continued ... Includes: * Collaborative methods and Tools – Awareness Training
		Coffee				
	16h00 to 17h15	Room 002 (Main Auditorium)	Room 106	Room 104	Room 114	Room 115
Session 9: Third Tier Suppliers Focus				Session 6: "Demonstration of an IT Environment to enable Development Cost Reduction and Design Quality Improvement in a Multi-Disciplined Extended Enterprise Scenario"	Session 8: "What Knowledge Engineering Processes and Collaborative Methods and Tools offer to the Aeronautical Industry"	
	Continued ... Includes: * The Supply Chain Model Builder * Intelligent Engineering with Engineering Data Management			Continued... Includes: * Design and Optimisation within a Collaborative Environment	Continued ... Includes: * Collaborative methods and Tools – Awareness Training	
17h15 to 17h30	Room 002 - Main Auditorium Final Plenary Session: Closing Remarks and Plans for Forum 2					



FORUM 1

ROOM 2 DAY 1 TUESDAY 20 SEPTEMBER

SESSION 1 - PROJECT OVERVIEW AND COMMERCIALY FOCUSED WORK

PLENARY SESSION

09:00	WELCOME AND CONTEXT OF VIVACE	PIERRE BACHELIER, AIRBUS
09:15	PROJECT OUTLINE AND LOGIC	PHILIPPE HOMSI, AIRBUS
09:45	SP1 PLANS AND ACHIEVEMENTS TO-DATE	ELISABETH LAVIGNE, AIRBUS
10:05	SP2 PLANS AND ACHIEVEMENTS TO-DATE	PAUL WEBSTER, ROLLS-ROYCE
10:25	SP3 PLANS AND ACHIEVEMENTS TO-DATE	YVES BAUDIER, EADS CRC FRANCE
10:45	PARALLEL SESSIONS SCENARIO AND PROGRAMME	JEAN-CLAUDE DUNYACH, AIRBUS

11:00	COFFEE IN ROOM 006/008	
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PARALLEL SESSION

11:30	DESIGN AND OPTIMISATION WITHIN A COLLABORATIVE ENVIRONMENT – INTRODUCTION	FREDRIK WÄNMAN, VOLVO AERO CORPORATION
11:45	THE VIVACE INTERACTIVE BUSINESS ENVIRONMENT SIMULATOR (VIBES)	RICHARD FARR, UNIVERSITY OF NOTTINGHAM
12:15	LIFE CYCLE MODELLING - STATUS REPORT	WERNER WEIGERT, MTU; MATTHIEU PITOT, SNECMA

13:00	LUNCH IN ROOM 006/8	
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SESSION 2A - SYSTEMS AND PRODUCTS SIMULATION TO INCREASE DESIGN FIDELITY AND REDUCE DEVELOPMENT COST

PARALLEL SESSION

14:00	OVERVIEW OF SYSTEMS SIMULATION	JEAN-JACQUES TOUMAZET, AIRBUS
14:15	FIRST ASSESSMENT OF VIRTUAL AIRCRAFT APPROACH FOR FUEL SYSTEM SIMULATION	ANTOINE CASTA, AIRBUS; TIM LOCHOW, EADS CRC GERMANY; NASSER GUESMIA, EADS CRC FRANCE
15:15	HYDRAULIC SYSTEM SIMULATION	DELPHINE HERTENS, AIRBUS
15:30	COFFEE IN ROOM 006/008	
16:00	ELECTRICAL SYSTEM - MULTI-LEVEL MODELLING	MARTIN OTTER, DEUTSCHES ZENTRUM FÜR LUFT & RAUMFAHRT
16:30	INTEGRATED MODULAR AVIONICS SIMULATION AND MODELLING	STEVE ELLIS, AIRBUS
16:45	SIMULATION OF AIRCRAFT FLAPS SYSTEM	THOMAS KRUEGER, AIRBUS
17:30	CLOSE	



FORUM 1

ROOM 2 DAY 2 WEDNESDAY 21 SEPTEMBER

SESSION 2A - SYSTEMS AND PRODUCTS SIMULATION TO INCREASE DESIGN FIDELITY AND REDUCE DEVELOPMENT COST

PARALLEL SESSION

09:00	WELCOME AND PROGRAMME	JEAN-CLAUDE DUNYACH, AIRBUS
09:15	INTEGRATED DESIGN FOR HELICOPTER ROTOR	PATRICE GODIOT & JORIS CEZARD, EUROCOPTER
10:00	HELICOPTER PRE-DESIGN PROCESS IMPROVEMENT	MARC GREILLER, EUROCOPTER
10:45	COFFEE IN ROOM 006/008	
11:15	3D FUNCTIONAL TOLERANCING FOR HELICOPTER ROTOR	HUGO FALGARONE, EADS CRC FRANCE
12:05	NUMERICAL SIMULATION DATA MANAGEMENT AND TRACEABILITY	PHILIPPE THOMAS, DASSAULT AVIATION; ERICK BRUN, DASSAULT SYSTÈMES
13:00	LUNCH IN ROOM 006/8	

SESSION 9 – 3RD TIER SUPPLIERS FOCUS

PARALLEL SESSION

14:00	INTRODUCTION TO VIVACE 3RD TIER SUPPLIERS ACTIVITY	PATRICK WILLIAMS, INBIS
14:15	CAPTURE OF 3RD TIER SUPPLIERS REQUIREMENTS	BRUNO LISANTI, ESOCE
14:45	A SME EXPERIENCE IN VIVACE	JOSEPH MERLET, INTESPACE
15:00	ENABLING ICT AREA – IDENTIFIED SUPPLIERS NEEDS TOWARDS VIVACE RESEARCH	ABDELMALEK BENZEKRI, IRIT

15:30	COFFEE IN ROOM 006/008	
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16:00	THE SUPPLY CHAIN MODEL BUILDER	JAMES TANNOCK & BING CAO, UNIVERSITY OF NOTTINGHAM
16:45	INTELLIGENT ENGINEERING WITH EDM - DEMONSTRATION	FRÉDÉRIC FERU, EADS CRC FRANCE; ERIK BALATON, EPM TECHNOLOGY; OLIVIER TABASTE, MSC SOFTWARE

FINAL PLENARY SESSION

17:15	CLOSING REMARKS AND PLANS FOR FORUM 2	PHILIPPE HOMSI, AIRBUS
17:30	END OF FORUM	



FORUM 1

ROOM 106 DAY 1 TUESDAY 20 SEPTEMBER

SESSION 4 – COST REDUCTION THROUGH OPTIMISED MULTI-DISCIPLINARY DESIGN PROCESSES PARALLEL SESSION

11:30	INTRODUCTION – GAINING THROUGH MULTI-DISCIPLINARY DESIGN	ERNST KESSELER, NLR
11:40	HELICOPTER LIFE CYCLE COST REDUCTION THROUGH PRE-DESIGN OPTIMISATION	JAN-FLORIS BOER, NLR
12:10	WHOLE ENGINE OPTIMISATION	MARC NAGEL, MTU AERO ENGINES
13:00	LUNCH IN ROOM 006/008	
14:00	FUSELAGE STRUCTURAL OPTIMISATION	STÉPHANE GRIHON, AIRBUS
14:30	PYLON DESIGN OPTIMISATION	STÉPHANE GRIHON, AIRBUS
15:00	OPTIMISING THE SIZE OF THE ELECTRICAL SYSTEM INSTALLATION	LOUIS ROUCH, AIRBUS
15:30	COFFEE IN ROOM 006/008	

SESSION 3 – DEVELOPMENT COST AND LEAD TIME REDUCTION THROUGH DECISION SUPPORT PARALLEL SESSION

16:00	SUPPORTING EARLY BALANCED DECISION MAKING BY THE “DESIGN TO DECISION OBJECTIVES” (DTDO) PROCESS	AXEL MAURITZ, EADS CRC GERMANY
16:45	CHANGE IMPACT ANALYSIS FOR AIRCRAFT COMPONENTS	ANDRÉ RUTKA & PETER COLEMAN, AIRBUS; YVES LEMMENS, CRANFIELD UNIVERSITY
17:30	CLOSE	



FORUM 1

ROOM 106 DAY 2 WEDNESDAY 21 SEPTEMBER

SESSION 4 – COST REDUCTION THROUGH OPTIMISED MULTI-DISCIPLINARY DESIGN PROCESSES

PARALLEL SESSION

09:00	INTRODUCTION – GAINING THROUGH MULTI-DISCIPLINARY DESIGN	ERNST KESSELER, NLR
09:10	THE CALCULATION ENGINE FOR TRADE-OFF ANALYSIS	PAOLO FANTINI, CRANFIELD UNIVERSITY
09:30	WING DESIGN OPTIMISATION	
	- OVERVIEW OF WING DESIGN OPTIMISATION USE CASE	RICHARD BASSETT, AIRBUS
	- DEMONSTRATION OF MULTI-DISCIPLINARY ANALYSIS CAPABILITY	JOHAN KOS, NLR
	- THE VIVACE GEOMETRY GENERATOR	JEREMY MAGINOT, CRANFIELD UNIVERSITY
10:45	COFFEE IN ROOM 006/008	
11:15	WHOLE ENGINE DEVELOPMENT	GRAHAM HARLIN, ROLLS-ROYCE
11:45	EARLY EXAMPLE OF DIMENSIONAL REDUCTION	ARNAUD QUENARDEL, SNECMA
12:15	TEST PLANNING A LASER BASED VIBRATION MEASUREMENT	JOSÉ GARCIA, ROLLS-ROYCE
13:00	LUNCH IN ROOM 006/008	

SESSION 3 (REPEAT) – DEVELOPMENT COST AND LEAD TIME REDUCTION THROUGH DECISION SUPPORT

PARALLEL SESSION

14:00	SUPPORTING EARLY BALANCED DECISION MAKING BY THE “DESIGN TO DECISION OBJECTIVES” (DTDO) PROCESS	AXEL MAURITZ, EADS CRC GERMANY
14:45	CHANGE IMPACT ANALYSIS FOR AIRCRAFT COMPONENTS	ANDRÉ RUTKA, & PETER COLEMAN, AIRBUS; YVES LEMMENS, CRANFIELD UNIVERSITY
15:30	COFFEE IN ROOM 006/008	



FORUM 1

ROOM 104 DAY 1 TUESDAY 20 SEPTEMBER

SESSION 5 – IMPROVING THE EFFICIENCY OF SUPPLY CHAINS

PARALLEL SESSION

11:30	THE SUPPLY CHAIN MODEL BUILDER	JAMES TANNOCK & BING CAO, UNIVERSITY OF NOTTINGHAM
12:30	AN INTERNAL LOGISTICS SIMULATOR	RICHARD FARR, UNIVERSITY OF NOTTINGHAM
13:00	LUNCH IN ROOM 006/008	

SESSION 7 – ENGINEERING DATA MANAGEMENT

PARALLEL SESSION

14:00	INTELLIGENT ENGINEERING WITH ENGINEERING DATA MANAGEMENT	FRÉDÉRIC FERU, EADS CRC FRANCE; ERIK BALATON, EPM TECHNOLOGY; OLIVIER TABASTE, MSC SOFTWARE
15:30	COFFEE IN ROOM 006/008	
16:00	COMPASS - STRUCTURE SIMULATION CONTEXT MANAGEMENT	MANFRED HARMS, AIRBUS
16:45	LANDING GEAR DATA INTEGRATION	DETLEF GRUNWALDT, AIRBUS
17:30	CLOSE	



FORUM 1

ROOM 104 DAY 2 WEDNESDAY 21 SEPTEMBER

SESSION 7 (REPEAT) – ENGINEERING DATA MANAGEMENT

PARALLEL SESSION

09:00	INTELLIGENT ENGINEERING WITH ENGINEERING DATA MANAGEMENT	FRÉDÉRIC FERU, EADS CRC FRANCE; ERIK BALATON, EPM TECHNOLOGY; OLIVIER TABASTE, MSC SOFTWARE
10:45	COFFEE IN ROOM 006/008	
11:15	COMPASS - STRUCTURE SIMULATION CONTEXT MANAGEMENT	MANFRED HARMS, AIRBUS
12:00	LANDING GEAR DATA INTEGRATION	DETLEF GRUNWALDT, AIRBUS
13:00	LUNCH IN ROOM 006/008	

SESSION 5 (REPEAT) – IMPROVING THE EFFICIENCY OF SUPPLY CHAINS

PARALLEL SESSION

14:00	AN INTERNAL LOGISTICS SIMULATOR	RICHARD FARR, UNIVERSITY OF NOTTINGHAM
14:30	CLOSE	

NOTE: A REPEAT OF THE SUPPLY CHAIN MODEL BUILDER PRESENTATION IS BEING GIVEN IN SESSION 9 IN ROOM 002 AT 16:00



FORUM 1

ROOM 114 DAY 1 TUESDAY 20 SEPTEMBER

SESSION 6 – DEMONSTRATION OF AN IT ENVIRONMENT TO ENABLE DEVELOPMENT COST REDUCTION AND DESIGN QUALITY IMPROVEMENT IN A MULTI-DISCIPLINED EXTENDED ENTERPRISE SCENARIO

PARALLEL SESSION

14:00	DESIGN AND OPTIMISATION WITHIN A COLLABORATIVE ENVIRONMENT	FREDRIK WÄNMAN, VOLVO AERO CORPORATION; GRAHAM LEWIS, ENGINEOUS SOFTWARE; GIAN PAOLO DE POLI , AVIO
15:30	COFFEE IN ROOM 006/008	
16:00	DESIGN AND OPTIMISATION WITHIN A COLLABORATIVE ENVIRONMENT (CONTINUED)	FREDRIK WÄNMAN, VOLVO AERO CORPORATION; GRAHAM LEWIS, ENGINEOUS SOFTWARE; GIAN PAOLO DE POLI , AVIO
17:30	CLOSE	



FORUM 1

ROOM 114 DAY 2 WEDNESDAY 21 SEPTEMBER

SESSION 2B – SYSTEMS AND PRODUCTS SIMULATION TO INCREASE DESIGN FIDELITY AND REDUCE DEVELOPMENT COST

PARALLEL SESSION

09:15	INTRODUCTION TO ENGINE SIMULATION USING PROOSIS	MARC DOUSSINAULT, SNECMA
09:45	DEMONSTRATION OF PROOSIS PROTOTYPE	PEDRO COBAS, EMPRESARIOS AGRUPADOS INTERNAT'L
10:45	COFFEE IN ROOM 006/008	
11:15	ADVANCED APPLICATIONS OF PROOSIS	VASSILIOS PACHIDIS, CRANFIELD UNIVERSITY
13:00	LUNCH IN ROOM 006/008	

SESSION 6 (REPEAT)– DEMONSTRATION OF AN IT ENVIRONMENT TO ENABLE DEVELOPMENT COST REDUCTION AND DESIGN QUALITY IMPROVEMENT IN A MULTI-DISCIPLINED EXTENDED ENTERPRISE SCENARIO

PARALLEL SESSION

14:00	DESIGN AND OPTIMISATION WITHIN A COLLABORATIVE ENVIRONMENT	FREDRIK WÄNMAN, VOLVO AERO CORPORATION; GRAHAM LEWIS, ENGINEOUS SOFTWARE; GIAN PAOLO DE POLI , AVIO
15:30	COFFEE IN ROOM 006/008	
16:00	DESIGN AND OPTIMISATION WITHIN A COLLABORATIVE ENVIRONMENT (CONTINUED)	FREDRIK WÄNMAN, VOLVO AERO CORPORATION; GRAHAM LEWIS, ENGINEOUS SOFTWARE; GIAN PAOLO DE POLI , AVIO
17:15	CLOSE	



FORUM 1

ROOM 115 DAY 1 TUESDAY 20 SEPTEMBER

SESSION 8 – WHAT KNOWLEDGE ENGINEERING PROCESSES AND COLLABORATIVE METHODS AND TOOLS OFFER TO THE AERONAUTICAL INDUSTRY

PARALLEL SESSION

11:30	KNOWLEDGE ENABLED ENGINEERING - SUPPORTING THE ENGINEER, THE PROCESS AND THE PRODUCT ACROSS THE EXTENDED ENTERPRISE	ELISABETH CARVER, BAE SYSTEMS; MASSIMILIANO MAROVINO, AVIO S.P.A; BARTHELEMY LONGUEVILLE, EADS CRC FRANCE
13:00	LUNCH IN ROOM 006/008	
14:00	KNOWLEDGE SHARING ACROSS THE SUPPLY CHAIN	JOSEPH CLOONAN, AIRBUS; PATRICK WILLIAMS, INBIS
14:30	COLLABORATIVE METHODS AND TOOLS – AWARENESS TRAINING	PIERRE-HENRI CROS, CERFACS
15:30	COFFEE IN ROOM 006/008	
16:00	COLLABORATIVE METHODS AND TOOLS – AWARENESS TRAINING CONTINUED	PIERRE-HENRI CROS, CERFACS
17:30	CLOSE	



FORUM 1

ROOM 115 DAY 2 WEDNESDAY 21 SEPTEMBER

SESSION 8 (REPEAT) – WHAT KNOWLEDGE ENGINEERING PROCESSES AND COLLABORATIVE METHODS AND TOOLS OFFER TO THE AERONAUTICAL INDUSTRY

PARALLEL SESSION

09:00	KNOWLEDGE ENABLED ENGINEERING - SUPPORTING THE ENGINEER, THE PROCESS AND THE PRODUCT ACROSS THE EXTENDED ENTERPRISE	ELISABETH CARVER, BAE SYSTEMS; MASSIMILIANO MAROVINO, AVIO S.P.A; BARTHELEMY LONGUEVILLE, EADS CRC FRANCE
10:45	COFFEE IN ROOM 006/008	
11:15	KNOWLEDGE SHARING ACROSS THE SUPPLY CHAIN	JOSEPH CLOONAN, AIRBUS; PATRICK WILLIAMS, INBIS
11:45	FLEXIBLE IT INFRASTRUCTURE FOR VIVACE USE CASES	TBA
13:00	LUNCH IN ROOM 006/008	
14:00	COLLABORATIVE METHODS AND TOOLS – AWARENESS TRAINING	PIERRE-HENRI CROS, CERFACS
15:30	COFFEE IN ROOM 006/008	
16:00	COLLABORATIVE METHODS AND TOOLS – AWARENESS TRAINING CONTINUED	PIERRE-HENRI CROS, CERFACS
17:15	CLOSE	