

EUCASS 2015 >> Programme

SYMPOSIUM:	SI	SI	FP	FP	FP	S&M	S&M	FD/GNC	FD/GNC	PP	PP	PP	PP
Room	F1 EUCASS 1	Theater Hall	F3 Chamber Hall A	F3 Chamber Hall B	F3 Conference Hall 5	F1 EUCASS 2	F2 EUCASS 3	F2 EUCASS 1	F2 EUCASS 2	F3 Conference Hall 1	F3 Conference Hall 2	F3 Conference Hall 3	F3 Conference Hall 4

Mon. 29 June	8:30	REGISTRATION											
	10:00-12:30	OPENING CEREMONY Gaelle Winters - ESA, Jean-Yves Le Gall - CNES, François Augue - Airbus Group, Marek Banaszekiewicz - Polish Space Agency, Marek Darecki P&W Poland, Andrzej Banasiak - Thales Alenia Space, Martin Sippel - DLR and Pierre Buhler - French embassy to Poland											
	12:30-14:00	Lunch											
	14:00-17:20	IXV	Buffet and Transition Delay Control (BUTERFLI)	Launcher Aerodynamics		Design and optimisation (I)	Additive and innovative manufacturing processes I	FD-SI/GNC Active Debris Removal : GNC and Capture	POWER SYSTEMS	Solid Propulsion I	LRE	Air Breathing Propulsion	Modeling
	18:00-18:40	PLENARY: Airbus R&T overview Gareth Williams - Airbus											
	19:00	Welcome Party											

Tue. 30 June	8:00	REGISTRATION												
	8:30-11:25	SPACE DEBRIS OBSERVATION, PROTECTION AND MITIGATION	Aircraft MDO	Computational and Experimental Aerodynamics of Air Vehicles I	Wing Aerodynamics	Boundary Layer Transition	Design and optimisation (II)	Additive and innovative manufacturing processes II	MISSIONS AND LESSONS LEARNED	LAUNCHER GUIDANCE AND TRAJECTORY	Solid Propulsion II	LRE Heat Transfer and Cooling	SAB Intakes	Combustion Modeling
	11:50-12:30	PLENARY: CLEAN SKY: status and perspectives Eric Dautria - Clean Sky												
	12:30-14:00	Lunch												
	14:00-17:20	SPACE DEBRIS REMOVAL		Computational and Experimental Aerodynamics of Air Vehicles II	Wind Tunnel and Measurement Techniques	Separated Flows and Shear Layers	Structural Dynamics (I)	Thermal Protections for Space Vehicles	FLIGHT DYNAMICS AND SIMULATIONS	GNSS AND VISION BASED NAVIGATION	SRM Oscillations	LRE Combustion Chambers	SAB Combustion	Multi Phase Modeling
18:00-18:40	PLENARY: CUBESAT/microsat roundtable Michel Courtois - MCOURT with Philippe Adell - JPL, Christophe Bonnal - CNES, Tony Holt - SSTL, Jeroen Rotteveel - ISISpace, Cyrille Tourneur - Airbus DS and Jan Thoemel - VKI													

Wed. 1 July	8:00	REGISTRATION												
	08:30-10:10		Aircraft Systems											
	8:30-11:25	Space Systems MDO	Air Fluid-Structure Interaction	Computational Fluid Dynamics	Shock Interactions	Flow Control I	Structural Dynamics (II)	Polymer Matrix Composites and Applications	GNC and TRAJECTORY OPTIMIZATION	CONTROL	Green propellants	LRE Ignition	Electric/Laser propulsion	Hybrid Propulsion
	11:50-12:30	PLENARY: ESA's Space year 2014 Bruno Christophe - ONERA and Alexandre Falcoz - Airbus DS												
	12:30-14:00	Lunch												
	14:00-17:20	Space Propulsion MDO	Unmanned Aerial Vehicle	Heat Transfer	Rarefied and Real Gas Flows I	Flow Control II		Ceramic Matrix Composites and associated Technologies	AVIONICS I	CONTROL AND FLYING QUALITY	Upper Stages	LRE Injection	Gelled Propellants	Hybrid Prop Transients
18:00-18:40	PLENARY Launchers: present and future Jacques Gigou - ESA Launchers, Jean-Marc Astorg - CNES Launchers and Jürgen Ackermann - Airbus/Safran Launchers													
19:00	Departure for Gala dinner at Aviation Museum													

Thu. 2 July	8:00	REGISTRATION												
	8:30-11:25	Future Missions and Students			Rarefied and Real Gas Flows II	Flow Control III		Alloys and steels	AVIONICS II	AIRCRAFT CONTROL	LRE Instabilities	LRE Components	Turbomachinery	Hybrid Propulsion: Paraffin Fuels
	11:50-12:30	PLENARY: Satellites: present and future Franco Ongaro - ESA/ESTEC, Benoît Frapard - Airbus DS and Patrick Mauté - Thales Alenia Space												
	12:30-14:00	Lunch												
	14:00-14:40	PLENARY: Aeronautical and space engines Alain Coutrot - Safran												
14:40-18:00							Advanced Technologies, Smart Systems and Testing	JOINT SESSION EUCASS/CEAS SATELLITE AOCS	DE-ORBITING and RE-ENTRY GUIDANCE	Nozzles	LRE Heat Transfer	PDE	Hybrid Prop Modeling	