

11th EWADE, 2013

European Workshop on Aircraft Design Education
Integrated into CEAS 2013

Tuesday, September 17, 2013

Presentation	Presenter First Name	Last Name	Presenter Affiliation	Title	Other Contributors	Affiliation, long
EWAVE 1 09:30 - 11:30, Verdefoajén						
Presentations from EWADE Founders and Hosts						
Chairperson: Dieter Scholz HAW Hamburg						
EWAVE 1	Egbert	Torenbeek	TUD (em.)	The New Textbook: "Advanced Aircraft Design - Conceptual Design, Technology and Optimization of Subsonic Civil Airplanes"		Hamburg University of Applied Sciences, Germany Delft University of Technology, Netherlands
EWAVE 2	Marco	Fioriti	PoliTo	Contributions from Educational Activities to Researches about Hybrid Propulsion Opportunities for Light Aircraft	Sergio Chiesa, Giovanni Di Meo, Roberta Fusaro	Politecnico di Torino, Italy
CEAS 230	Christopher	Jouannet	LIU	Personal Jet - A Student Project	Patrick. Berry, Tomas Melin, David Lundström	Linköping University, Sweden
EWAVE 14	Ed	Obert	TUD (em.)	The Relation between Aerodynamics and Control System Design - A case study: The F28 Rudder Control System		Delft University of Technology, Netherlands
EWAVE 3	Fabrizio	Nicolosi	UniNa	A New Vertical Tail Design Procedure for General Aviation and Turboprop Aircraft	P. Della Vecchia, D. Ciilberti	Università degli Studi di Napoli "Federico II", Italy
EWAVE 2 13:00 - 15:00, Verdefoajén						
Teaching and Research Activities in Aircraft Design						
Chairperson: Petter Krus LIU						
CEAS 210	Adson	Agrico de Paula	Uni Sao Paulo	A Case Study in Aeronautical Engineering Education		Linköping University, Sweden University of Sao Paulo, Brazil
EWAVE 4	Eike	Stumpf	RWTH Aachen	Aircraft Design Lectures at RWTH Aachen University	Kristof Risse	RWTH Aachen University, Germany
EWAVE 5	Sky	Satorius	TUM	Developing a New Aircraft Design Course at the Technical University of Munich		Technical University Munich, Germany
EWAVE 8	Dimo	Zafirov	Uni Sofia	UAV Research and Development in the Plovdiv Branch of Technical University Sofia		Technical University Sofia, Branch of Plovdiv, Bulgaria
CEAS 236	Dieter	Scholz	HAW Hamburg	Open Access Publishing in Aerospace – Opportunities and Pitfalls		Hamburg University of Applied Sciences, Germany
EWAVE 3 15:30 - 17:00, Verdefoajén						
Aircraft Design Studies						
Chairperson: Adson Agrico de Paula Uni Sao Paulo						
EWAVE 6	Gianfranco	La Rocca	TUD	Design Study of a Passenger Aircraft for In-Flight Refueling		Delft University of Technology, Netherlands
EWAVE 9	Giovanni A.	Di Meo	PoliTo	MARGARET: A Personal Transportation Aircraft of Tomorrow used Today for Collaboration among Universities	Dieter Scholz *, Marco Fioriti, Andrea Furlan	Politecnico di Torino, Italy; * Hamburg University of Applied Sciences, Germany
CEAS 224	Gianfranco	La Rocca	TUD	Feasibility Study of a Nuclear Powered Blended Wing Body Aircraft for the Cruiser/Feeder Concept		Delft University of Technology, Netherlands
EWAVE 7	Rob	De Roo	KHBO	Development of an Unmanned Aerial System (UAS) for Scientific Monitoring	Jon Verbeke, Ivan Becuwe	Katholieke Hogeschool Brugge - Oostende, Belgium

One EWADE presentation is in another CEAS session (parallel to EWADE 3)

Aircraft Design - Methods and Tools II, Musikalen

EWAVE 13	Dieter	Scholz	HAW Hamburg	OpenVSP Connect - Visualize Your Aircraft Sizing Results with NASA's Vehicle Sketch Pad	Tahir Sousa	Hamburg University of Applied Sciences, Germany
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EWAVE 4

10:30 - 12:30, Verdefoajén

Collaboration, Methods and Tools

Chairperson: Egbert Torenbeek TUD (em.)						
CEAS 291	Erwin	Moerland	DLR	Collaborative understanding of disciplinary correlations using a low-fidelity physics based aerospace toolkit	Richard-Gregor Becker, Björn Nagel	Delft University of Technology, Netherlands Deutsches Zentrum für Luft- und Raumfahrt, Germany
CEAS 183	Raghu	Chaitanya	LIU	Integrated Aircraft Design Network	Ingo Staack, Petter Krus	Linköping University, Sweden
CEAS 233	Christopher	Jouannet	LIU	Aircraft Conceptual Design Optimization Based on Direct Simulation	Ingo Staack, Raghu Chaitanya, Tomas Melin, David Lundström	Linköping University, Sweden
CEAS 199	Pier Davide	Ciampa	DLR	Preliminary Design for Flexible Aircraft in a Collaborative Environment	Björn Nagel	Deutsches Zentrum für Luft- und Raumfahrt, Germany
CEAS 187	Ingo	Staack	LIU	Integration of On-Board Power Systems Simulation in Conceptual Aircraft Design		Linköping University, Sweden

EWAVE 5

14:30 - 16:00, Verdefoajén

EWAVE Roundtable

Chairperson: Dieter Scholz HAW Hamburg						
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Discussion about next EWADE and EWADE's role in CEAS