

A SAE 2013 Design, Manufacturing and Economics of Composites Symposium Agenda

UPDATE 12/20/12

Topics are Subject to Change.

DAY 1		DAY 2	
8:50	OPENING REMARKS	8:50	OPENING REMARKS AND DAY 1 SUMMARY
9:00	Plenary Keynote: The Value in Designing in Composites and the Economic Justification - OPEN	9:00	Trends in Aerospace Composites Antonio Di Marco - Alenia Aermacchi/Preliminary Aircraft System Design Marco Fioriti - PhD Politecnico of Turin Michele Iannone-Alenia Aermacchi/Research and Development-Aerostructure PM (CONFIRMED)
9:30	Out-of-Autoclave Processes Applications at Lamborghini Paolo Feraboli, Ph.D. University of Washington (TENTATIVELY CONFIRMED)	9:30	On the Potential and Limits of Standard Composites Manufacturing Processes for High Performance Aerospace Structures Paulin Fideu, Airbus Deutschland GmbH (CONFIRMED)
10:00	Carbon Development for Structural Applications for Automotive Seats – Mr. Raffaello Passoni, Brembo (CONFIRMED)	10:00	Design, Manufacturing and Economics Dan Day, Boeing (CONFIRMED)
10:40	BREAK	10:30	BREAK
11:00	Health Monitoring of Composite Space Structures Daniele Francesconi, Thales Alenia Space Italia SpA (CONFIRMED)	11:00	Challenges in Starting Up Fiber Placement Mike Musser, Ingersoll Machine (CONFIRMED)
11:30	Development Approach to Automotive CFRP Applications Ed Depase, Cytec (CONFIRMED)	11:30	Increased Manufacturing of Composites for Medium Volume Production Gary Lownsdale, Plasan Composites (CONFIRMED)
12:00	LUNCH	12:00	LUNCH
13:00	Enabling Cost Effective Design Processes for the Engineering Composites Parts Paul Moulard, Siemens PLM Software (CONFIRMED)	13:00	Considerations for the production of composite bicycles. Raoul Luescher, Luescher Technik Pty Ltd (CONFIRMED)
13:30	LCA and Health Management for in Wind Energy Nick Bullen, Smart Blades, Inc (CONFIRMED)	13:30	OPEN
14:00	Virtual Simulation Wind Turbine Composite Application Alfonso Ortalda, EnginSoft (CONFIRMED)	14:00	Life Cycle Analysis (LCA) of Composites: An Economic Analysis Antonio Di Marco - Alenia Aermacchi/Preliminary Aircraft System Design Marco Fioriti - PhD Politecnico of Turin Michele Iannone-Alenia Aermacchi/Research and Development-Aerostructure PM (CONFIRMED)
14:30	Non-Linear Fatigue Analysis of A Wind Turbine Blade by Mixed FEM and Super Element Approach Marco Tagliabue, LMS Italiana Srl (CONFIRMED)	14:30	High-Speed Press Curing Rick Heise, Swift Engineering (CONFIRMED)
15:00	A New Thermoplastic Matrix, Thermoformable Composite: Wind Turbine Manufacturing Application, Technology and Benefits. Fall Out to Small and Light Aircrafts Primary and Secondary Structures and Car Bodies Applications. Marco Mazzucco, Altair Consortium (CONFIRMED)	15:00	Automation and Drilling Carbon Rich Garrick, Precorp (CONFIRMED)
15:30	BREAK	15:30	BREAK
16:00	Automated Manufacturing to Reduce Cost Composites Mike Blair, Exelis (CONFIRMED)	16:00	Composites Manufacturing for Sporting Goods and Economic Implications Dodd Grande, K2 Sports (CONFIRMED)
16:30	Economics of Composites Moderator: Nick Bullen, SmartBlades Panelists: <ul style="list-style-type: none"> ■ Dan Day, Boeing ■ Mike Blair, Exelis ■ Gary Lownsdale, Plasan Composites ■ TBD, Alenia Aermacchi ■ Rick Heise, Swift Engineering 	16:30	Recycling and Reuse of Carbon Fibre Composites Thomas Turner, University of Nottingham (CONFIRMED)
18:	Reception		

Endorsed By: SAE Torino

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SAE would like to thank the Torino Chamber of Commerce



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