

ADVANCED AEROSTRUCTURE FORUM 2016

AGENDA



Advanced Manufacturing Training Centre, Ansty Park- Thursday 16 June 2016

9:00	Welcome & Project Overview	Maria Weiland (SAAB)
9:15	Welcome from The MTC	Ken Young (MTC)
9:25	Technical overview including Build Philosophy	Magnus Engström (SAAB)
9:50	Virtual demonstrations (REWiB)	Peter Helgesson (Prodtex)
10:05	Overview of what's to see	Andrew Silcox (MTC)
10:15	<i>Coffee break</i>	
Session 1 : "Assembly"		
10:45	Overview	Carmine Suriano (ALA)
11:10	Electric tooling for best-fit positioning of ribs and front spar	Peter Helgesson (Prodtex)
11:25	Forced curing of liquid shim	Anette Järneteg (SAAB)
10:55	Predictive gaps simulation for robotic additive manufacturing shimming using low cost precision metrology	Marc Douilly (AGI) and Lars Mattsson (KTH)
11:40	Demonstrations, technical sessions	
12:40	<i>Lunch</i>	
Session 2: "Design rules and tolerancing"		
13:40	Overview	Kevin Peters (GKN)
13:50	Flexible Tolerancing of composite structure using Anatoleflex	Hugo Falgarone (AGI)
14:05	Integrated design & manufacturing process applied on MIWiB Upper Cover and LAWiB Upper Cover	Kevin Rozowsky (IAI) Kevin Peters (GKN)
14:20	Demonstrations, technical sessions and coffee	
Session 3: "Manufacturing"		
15:20	Overview	Glenn Rutherford (BAB)
15:30	Infusion for Thickness Adaption & US Laminate Thickness Control	Nico Liebers (DLR)
15:45	Laser surface treatment for increased bond strength	Deniz Ozel (TAI)
Concluding remarks		
16:00	Economic impact of LOCOMACHS results	Philipp Hilmer (DLR) and Maria Weiland (SAAB)
16:20	Industrial take up beyond LOCOMACHS	Mark Summers (The Aerospace Technology Institute)
16:40	Stimulating Innovation within the European Aerospace sector	Michael Kyriakopoulos, EU
16:50	Concluding remarks	Maria Weiland, SAAB
17:00	Demonstrations, technical sessions and coffee	
18:30	<i>Close</i>	

Event delegates will be given the opportunity to download all resources from the technical sessions.

