



## EC-EDA INFORMATION EXCHANGE AND MATCH-MAKING EVENT: EXPLORING FP7, HORIZON 2020 AND EDA R&T SYNERGIES ON ADVANCED MATERIALS, STRUCTURES AND NANOTECHNOLOGIES

**7 November 2017, European Commission – DG RTD CDMA, SDR1 and SDR2 (Brussels)**

08:30	Registration & Welcome coffee	
<b>Session 1: Setting the scene: Research in the European Commission and European Defence Agency</b>		
09:00	1. Welcome	
	2. Introductory remarks	
	Representing Director D DG RTD European Commission	Hélène Chraye (Head of Unit D3 - DG RTD European Commission)
	Director European Defence Agency	Denis Roger (EDA)
	3. EC Activity on H2020 NMBP and Dual-use Research-HoU D3, Advanced Mat. & Nanotechnologies	Helene Chraye & Achilleas Stalios (DG RTD European Commission)
	4. EDA Activity in Defence Research and Technology on Materials & Structures	Panagiotis Kikiras & Giuseppe G. Daquino (EDA)
<b>Session 2: Lightweight and fibre-based materials and structures</b>		
09:40	5. EC projects	
	- MODCOMP - Carbon fibre reinforced composites	C. Charitidis (Technical University of Athens)
	- Bio4Self	G. Buyle (Centre Scientifique & Technique de l'Industrie Textile Belge)
	- 3D Light TRANS -Textiles materials	P. Kiekens (University of Gent)
10:10	6. EDA projects	
	- BATOLUS (Battle Damage Tolerance for Lightweight UAV Structures)	Christian Stolz (Airbus)
	- ALOMAS (Advanced Low Observable Materials And Structures)	Kay Dittrich (Airbus)
10:30	7. Questions and Answers	
10:50 Match-making Coffee break		
<b>Session 3: Nano-coatings for protection of materials</b>		
11:10	8. EC projects - M2-3S -Coatings/ Modelling	Yi Qin (University of Strathclyde Glasgow)
11:20	9. EDA projects – ECOCOAT (Environmentally Compliant Coatings in Aeronautic)	Stefano Lionetti (CSM)
11:40	10. Questions and Answers	
12:00 Match-making Lunch break		
<b>Session 4: Damage propagation and control, Simulation, Repairing: joining, bonding, welding</b>		
13:00	11. EC projects SAFEJOINT and FIRE-RESIST - Joining dissimilar and Fire Resist materials	G. Kotsikos (University of Newcastle)
13:20	12. EDA projects – PATCHBOND (Bolt free battle and operational damage repairs of metal and composite aircraft	Jan Halm (NLR)



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structures)

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13:30 13. Questions and Answers

**Closure**

13:50 14. Conclusions and Way Ahead

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14:00 *End of event*