

Army/NDIA/SME Manufacturing Symposium

Huntsville, AL

May 3-4, 2018

\$195 Industry / \$99 Government

Thursday, May 3					
	Time	Speaker	Job Title	Company	Presentation Title
	08:00 – 08:30	Check-In, Breakfast			
	08:30 - 08:45	Dr. Michael S. Richman	Associate Director, Missile Development	U.S. Army Aviation and Missile RDEC	Opening Remarks
1	08:45 – 09:15	Susan Dunbar	Missile Technology Chief	USG	S&T 30 Yr. Road Map
	09:15 - 09:45	Ron Legowik	Government Project Lead	AMERDEC Prototype Integration Facility (PIF)	3D printing methods for polymer composites
	09:45 – 10:00	Break 20 minutes			
	10:00-10:30	Brett G. Compton	Assistant Professor in Mechanical Engineering and Advanced Manufacturing	University of Tennessee	The rotating nozzle concept
2	10:30 – 11:00	Keith Roberts	AMRDEC S&T	USG	Topology Optimization of Missile Components (Missile S&T)
3	11:00 – 12:00	TBD	TBD	IBM Research	Artificial Intelligence - Watson – IIoT
	12:00 – 12:45	Lunch / Networking			
4	12:45 – 01:15	John Foreman	AMRDEC S&T	USG	Laser Welding Composites (Missile S&T)
5	01:15 – 01:45	Chad Henry	Process R&D Engineer	GKN Aerospace USA	Development and Implementation of Laser Metal Wire Deposition at GKN Additive
	01:45 – 02:00	Break 15 minutes			
6	02:00 – 02:30			LMC	LMCO NCDMM Metgraph Project
7	02:30 – 03:00	Jim Novack	CEO	Talent Swarm	Human Hive – Exploring Real Time Global Collaboration Using Existing Telepresence Devises for Remote Maintenance & Training
8	03:00 – 03:50	Dale Turner	Director, West Coast Regional Mfg. Ctr.	Clean Energy Smart Manufacturing Innovation Institute (CESMII)	SMART Manufacturing
	03:50 – 04:00	Break 10 minutes			
9	04:00 – 04:30	Ara Agopian	CEO	EVARA VR	Ways Augmented Reality in Manufacturing Will Revolutionize The Industry
10	04:30 – 05:00	Jamil Baghdachi	Professor and Director	Eastern Michigan University	Self-healing and Shape-memory Responsive Coatings
	05:00	CONCLUDE FOR THE DAY			

Friday, May 4					
	Time	Speaker	Job Title	Company	Presentation Title
	08:00 – 08:30	Check-In, Breakfast			
	08:30 - 08:45	Susan Dunbar	Missile Technology Chief	USG	Opening Remarks
1	08:45 – 09:45	Jennifer Richman	AMRDEC S&T	USG	Tactical High Speed Missile Structures (Missile S&T)
	09:45 – 10:00	Break 15 minutes			
2	10:00 – 11:00	Ed Sosnowski & Brian Close	Senior Director & Executive Director	OPS Solutions LLC	Light Guide Systems Interactive Work Instructions
3	11:00 – 11:30	Taylor Owen		USG	Structural Bonding of Composites (Missile S&T)
4	11:30 – 12:00	Colm Gavin	Digitalization Specialist	Siemens Digital Factory	The Digital Twin and its Effects on Automation Efficiencies
	12:00 – 12:45	Lunch / Networking			
5	01:00 – 01:30	Anthony Holden	Deputy GPM - Digital Manufacturing & Design Innovation Institute	Engineering Directorate, Aviation & Missile RD&E Center, US Army	DMDII overview / Digital Thread
6	01:30 – 02:00	Bandara Gamini	Professor	University of Wisconsin	Collaborative Robots: Future of Robotics and Automation
7	02:00 – 02:30	Andrew Pokelwaldt	Director, Certifications	American Composites Manufacturers Association	Composites Manufacturing Personnel and Process Challenges of Manufacturing Advancement in Aerospace
8	02:30 – 03:00	A. Adele Ratcliff	Director, Manufacturing Resiliency & Assurance (MRA) & International Manufacturing & Innovation (IMI), ODASD (MIBP)	Department of Defense	Manufacturing Resiliency
	03:00	CONCLUDE FOR THE DAY			