



# Unmanned Aircraft Systems West

(DoD - Government and Industry)

February 13-14, 2020 San Diego, CA



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**DAY ONE: Thursday, February 13, 2020**

**PRESENTATION TOPIC**

9:00-9:10	Administrative Announcements	
9:10-9:40	<u>Industry Keynote</u>	
	Erik Grant, Engineering Fellow, Business Area Chief Engineer, Defense and Civil Solutions, Intelligence, Information & Services, Raytheon Corporation	"UAS in the Future Multi-Domain Enterprise"
9:40-10:10	Colonel Scott Anderson, USA, Project Manager UAS, Program Executive Office for Aviation, Redstone Arsenal	"Army UAS Technologies Need, Capabilities, and Requirements"
10:10-10:40	Captain (USN-ret) George Galdorisi, Dir., Strategic Assessments and Technical Futures, Naval Information Warfare Center Pacific (NIWC Pacific)	"How Can the Navy Leverage Big Data, A.I. & Machine Learning to Accelerate UxS Integration and Decision Making?"
10:40-11:15	<b>Networking and Refreshment Break</b>	
11:15-11:45	Rick Lober, Vice President and General Manager, Hughes Defense & Intelligence Systems	"Key Advancements in SATCOM BLOS Communications for UAS"
11:45-12:15	Lieutenant Colonel Noah "Spool" Spataro, USMC, Commanding Officer and Capt Warren "JuCo" Choi, USMC, UAS Operational Test, Director, VMX-1	"Reflections on the Commandant's Planning Guidance: A Fleet Perspective of Capability Development Opportunities"
12:15-12:45	Ted Lindsley, CEO, SqwaQ	"Unlimited Range C2+Video Link Enabling UAS to Fly BLOS...Beyond Borders"
12:45-1:45	<b>Lunch Break</b>	
1:45-2:15	Garrett Smith, CEO, Reveal Technology	"Rapid Intelligence at the Tactical Edge"
2:15-2:45	David Sharpin, CEO Auterion Government Solutions, Inc.	"Enabling Small UAS (sUAS) Operations Through Architecture and Software"
2:45-3:15	Mark Dombroff, Partner, Fox Rothschild LLP	"FAA Drone Safety: Latest and Legal Rules and Regulatory Updates"
3:15-3:45	<b>Networking &amp; Refreshment Break</b>	
3:45-4:15	CDR Loren Jacobi, USN, Commanding Officer, Helicopter Sea Combat Squadron 23, "Wildcards" (HSC-23)	"CNAF UAS Needs & Requirements"
4:15-4:45	Lt Col John X, 432d Expeditionary Wing, Director of Staff	"UAS Piloting Capabilities/Requirements"
4:45-5:15	LTC Darrin Husmann, USA, Science, Technology & Innovation Division, US Southern Command	"UAS Innovations and Capabilities"
5:15-6:15	<b>Attendee &amp; Guest Speaker Cocktail Reception</b>	<b>Reception</b>





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**DAY TWO: Friday, February 14, 2020**

**PRESENTATION TOPIC**

<b>DAY TWO: Friday, February 14, 2020</b>		<b>PRESENTATION TOPIC</b>
9:00-9:10	<b>Administrative Announcements</b>	
9:10-9:40	Dr. Parimal Kopardekar, Director, NASA Aeronautics Research Institute (NARI)	"NASA UAS Innovation R&D Programs and Capabilities"
9:40-10:10	Robert Mar and Robert Reed, Autonomy Research Arena, Naval Air Warfare Center Weapons Division (NAWC)	"UAS Trajectory Planning"
10:10-10:40	Captain (USN-ret) Ted Venable, CNT/UAS Program Manager at Commander, U.S. Fourth Fleet Counter Illicit Trafficking PM (COMUSNAVSO/C4F)	"U.S Fourth Fleet: UAS Capabilities in the Maritime Domain"
10:40-11:00	<b>Networking and Refreshment Break</b>	
11:00-11:30	Senior UAS SME Representative, Transportation Security Administration (TSA)	"TSA Security Measures & Requirements for Aviation Safety"
11:30-12:00	Dr. N. Andrew Browning, Program Director of Autonomy, AeroVironment and Dr. Adam MacDonald, Dir., Business Development, Tactical Missile Systems, AeroVironment	"Autonomous Disruptive Capabilities"
12:00-12:30	FAA (AUS-400, Safety & Integration Division) UAS Representative	"UAS in the National Airspace Rules & Regulations Update"
12:30-1:30	<b>Lunch Break</b>	
1:30-2:00	Capt Megan Vanhorn, USAF, AQ Ventures Contract Strategy Lead, SAF-AQ, AQ DELTA	"Agility Prime Initiative and SBIR Program and Opportunities"
2:00-2:30	Col (UAS-ret) Courtney Cote, Director, Naval Programs and UAS, Science and Engineering Services, LLC	"UAS Naval Programs and Training Capabilities"
2:30-3:00	Timothy Bleakley, Engineering Supervisor, UAS Civil Airspace Integration, General Atomics Aeronautical Systems. Inc.	"Improving Access to the NAS System for Large UAS Operations"
3:00-3:30	Michael Lyons, Global Hawk Business Development Lead, Northrop Grumman Corporation	"The Value of HALE?"
3:30-3:40	<b>Stretch &amp; Working Refreshment Break</b>	
3:40-4:10	Col Stephen "Lux" Luxion (USAF-ret). Executive Director, ASSURE FAA Center of Excellence for UAS	"ASSURE COE for UAS Current and Future Research and Programs"
4:10-4:40	CDR Chad Thompson, USCG, Chief, Unmanned Aircraft Systems Division, USCG (CG-7114)	"CG 7114 UAS Capabilities - Needs and Requirements"
4:40-5:10	Mark Cole, Director, ISR & UAS Requirements, Advanced Development Programs, Skunk Works, Lockheed Martin Aeronautics Corporation	"Next Generation UAS"
5:10-5:40	<b>Closing Comments and Adjournment and TTC Prize Giveaway</b>	

