

Announcing an All New
Unmanned Aircraft Systems West
Conference & Exhibition...

UAS WEST



DoD - Government - Industry

UAS WEST San Diego

• Opportunities, Capabilities, Needs and Requirements •

EXHIBITORS INCLUDE



San Diego, CA
February 13-14, 2020



Symposium Management by:
Technology Training Corporation
TTCUS.COM



UAS WEST
San Diego, CA • February 13-14, 2020



Technology Training Corporation
P.O. Box 119
Torrance, CA 90507-0119
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Information/Registration: (310) 320-8110
Register by FAX: (310) 320-8101
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Mail Registration to: **Technology Training Corp.**
Dept. UAS-WC
P.O. Box 119
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FEE:

Symposium	U.S. Government		Individual	University	Teams of 3 or More (each)
	Active Military	Civilian (Non-Contractors)			
UAS-WC	Complimentary	Complimentary	\$1290	\$495	\$995

SOCO Advisory 11-02: Accordingly, the reasonable per day attendance fee for purposes of JER 3-211.a(7) is now \$759.

Special Exhibitor and Sponsorships at Tiered Pricing (includes General Session), Contact Bradford Barrett at (310) 320-8110 or Bbarrett@ttcus.com.

SPECIAL HARDSHIP SCHOLARSHIP PROGRAM: A number of seats have been set aside for every seminar and symposium for any motivated attendee who is unable to attend due to severe financial limitations of his/her company or if they are under very tight military limitations. Students will be eligible for a very substantial discount.

PAYMENT POLICY: Payments, both domestic and inter-national, must be received on or before the first day of the symposium. No attendee will be admitted into the symposium without payment by either check, credit card (VISA, Mastercard, AMEX, Discover and Diners Club accepted) or U.S. Government purchase order.

CANCELLATIONS: Substitutions may be made at any time. A cancellation service charge of \$150 will be rendered for all cancellations received fifteen days or more prior to the start of the symposium date. Registrants whose cancellation requests are not received fifteen days prior to the individual symposium, as well as no shows, are liable for the entire registration fee. You must obtain a cancellation number from our registrar.

Tuition, symposium documentation, and refreshments, are included in the fee.



Registration: 8:15 a.m. February 13-14, 2020

San Diego, CA • February 13-14, 2020
Wyndham San Diego Bayside

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UNMANNED AIRCRAFT SYSTEMS WEST

Defense • Government • Industry

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MILITARY UAV'S CREATE MULTIPLE -MISSION OPPORTUNITIES FOR INDUSTRY:

Military spending for UAS is expected to grow as an overall percentage of large military budgets such as the United States, offering specialized drone manufacturers and software developers a tremendous opportunity. While drones will never completely replace soldiers, this debate is becoming less important in the current strategic climate. **The Global Military UAV industry, is valued at US \$30 Billion in 2019** and is projected grow at a CAGR of 12.6% by 2027.

Military UAVs are taking over the skies. They are primarily being used by armed forces globally for Intelligence, Surveillance & Reconnaissance (ISR) and for carrying out strike missions. Popularly known as a drone, the use of this type of aircraft is increasing in all sectors, especially in the defense sector. Consequently, the military UAV-industry is advancing at a rapid pace. The creation and development of military UAVs has provided an opportunity for worldwide military entities to extend their operational capability while performing a number of different tasks and missions. **"UAS WEST"** is a valuable investment in your time. You will obtain invaluable information on the emerging opportunities in the **Military, Government, Commercial and Civil Markets** found nowhere else. Key program offices will examine UAS from first hand experiences and address the **Needs, Requirements and Opportunities** available in this rapidly growing industry.

KEYNOTE PRESENTATIONS BY:



CDR LOREN JACOBI, USN

"CNAF UAS Needs & Requirements"
Commanding Officer, Helicopter Sea Combat Squadron 23, "Wildcards" (HSC-23)



ERIK GRANT

"UAS in the Future Multi-Domain Enterprise"
Engineering Fellow, Business Area Chief Engineer, Defense and Civil Solutions, Intelligence, Information & Services, Raytheon



I: DoD & Government: Unmanned Aircraft Needs – Requirements – Capabilities and Opportunities

COLONEL SCOTT ANDERSON, USA	Project Manager UAS, Program Executive Office for Aviation, Redstone Arsenal	"Army UAS Technologies Need, Capabilities, and Requirements"	
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?"	
LT COL JOHN X, USAF	Air Expeditionary Wing Director of Staff, 432d Wing, Creech Air Force Base	"UAS Piloting Capabilities/Requirements"	
LT COL NOAH "SPOOL" SPATARO, USMC AND CAPTAIN WARREN "JUCO" CHOI, USMC	Commanding Officer, Marine Unmanned Aerial Vehicle Squadron 1 UAS Operational Test, Director, VMX-1	"Reflections on the Commandant's Planning Guidance: A Fleet Perspective of Capability Development Opportunities"	
CDR LOREN JACOBI, USN	Commanding Officer, Helicopter Sea Combat Squadron 23	"CNAF UAS Needs & Requirements"	
CAPTAIN (USN-Ret) TED VENABLE	CNT/UAS Program Manager at Commander, U.S. Fourth Fleet Counter Illicit Trafficking PM (COMUSNAVSO/C4F), USN	"U.S Fourth Fleet: UAS Capabilities in the Maritime Domain"	
ROBERT MAR AND ROBERT REED	Research Arena, Naval Air Warfare Center Weapons Division (NAWC)	"UAS Trajectory Planning"	
LTC DARRIN HUSMANN, USA	Science, Technology & Innovation Division, US Southern Command	"UAS Innovations and Capabilities"	
COMMANDER CHAD THOMPSON, USCG	Chief, Unmanned Aircraft Systems Division, USCG (CG-7114)	"CG-7114 UAS Capabilities - Needs -Requirements"	
CAPT MEGAN VANHORN, USAF	Director, Naval Programs and UAS, Science and Engineering Services, LLC	"Agility Prime Initiative and SBIR Program and Opportunities"	

II: Operating UAS in the National Airspace: Safety, Research, Regulations, and Partnerships

DR. PARIMAL KOPARDEKAR	Director, NASA Aeronautics Research Institute (NARI)	"NASA UAS Innovation R&D Programs and Capabilities"	
COL (USAF-Ret) STEPHEN LUXION	Executive Director, ASSURE FAA Center of Excellence for UAS	"ASSURE COE for UAS Current and Future Research and Programs"	
SENIOR REPRESENTATIVE, FAA (AUS-400)	Safety & Integration Division Representative	"UAS in the National Airspace Rules & Regulations Update"	
SENIOR TSA REPRESENTATIVE		"TSA Security Measures & Requirements for Aviation Safety"	
MARK DOMBROFF	Partner, Fox Rothschild LLP	"FAA Drone Safety: Latest Legal Rules and Regulatory Updates"	
TIMOTHY BLEAKLEY	Engineering Supervisor for Civilian Unmanned Air Systems, Atomics Aeronautical Systems, Inc.	"Improving Access to the NAS System for Large UAS Operations"	

III. Industry UAS: Needs, Requirements, Technologies, and Capabilities:

RICK LOBER	Vice President and General Manager, Hughes Defense & Intelligence Systems	"Key Advancements in SATCOM BLOS Communications for UAS"	
MARK COLE	Director, ISR and UAS Requirements, Advanced Development Programs, Skunk Works, Lockheed Martin Aeronautics Corporation	"Next Generation UAS"	
TED LINDSLEY	CEO, SqwaQ	"Unlimited Range C2+Video Link Enabling UAS to Fly BLOS... Beyond Borders"	
DR. N. ANDREW BROWNING AND DR. ADAM MACDONALD	Program Director of Autonomy, AeroVironment Dir., Business Development, Tactical Missile Systems, AeroVironment	"Autonomous Disruptive Capabilities"	
MICHAEL LYONS	Global Hawk Customer Engagement and Business Development Global Hawk Program, Autonomous Systems, Northrop Grumman Corporation	"The Value of HALE?"	
GARRETT SMITH	CEO, REVEAL Technology	"Rapid Intelligence at the Tactical Edge"	
DAVID SHARPIN	CEO Auterion Government Solutions, Inc	"Enabling Small UAS (sUAS) Operations Through Architecture and Software"	
COL (USA-Ret) COURTNEY COTE	Director, Naval Programs and UAS, Science and Engineering Services, LLC	"UAS Naval Programs and Training Capabilities"	

WOULD YOU LIKE TO BE AN EXHIBITOR AT THIS SYMPOSIUM?

Please contact Bradford Barrett, CMP at 310-320-8110 or Bbarrett@ttcus.com to find out how your organization can participate

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