

Texas UAS Summit

Tuesday, May 9, 2017

TIME	SESSION	SPEAKERS
10:30 AM-10:35 AM	Welcome, Presentation of the Colors and the National Anthem	Joe Henry (Master of Ceremony) , Director Commercialization and Outreach, Lone Star UAS Center of Excellence and Innovation (LSUASC) and the Dallas Police Department
10:35 AM-10:40 AM	Association of Unmanned Vehicles Systems International (AUVSI) Welcome	Brian Wynne , CEO AUVSI
10:40 AM-11:00 AM	2nd Annual Texas UAS Summit Leadership Welcome	Gary Sera , CEO, Texas A&M Engineering Extension Service (TEEX)
11:00 AM-11:15 AM	Bringing UAS To America's Skies (LSUASC Update) Intro Key Note	Jerry Hendrix , Executive Director, Lone Star UAS Center of Excellence and Innovation (LSUASC)
11:15 AM-11:30 AM	UAS-NAS Update, Director FAA SW Regional Service Center	Kelvin L. Solco , Regional Administrator, Federal Aviation Administration (FAA) Southwest Region <i>(Invited)</i>
11:30 AM-12:00 PM	Expanding UAS Horizon (Counter-UAS and Other Initiatives)	Marke F. (Hoot) Gibson MG USAF (Retired) , Senior Advisor UAS, Federal Aviation Administration, Office of the Deputy Administrator
12:00 PM-1:00 PM	Lunch (Not provided)	
12:00 PM-1:00 PM	Lightning Round Talks-UAS Poster Presenters	Dr. Melanie Neely-Willis (Moderator) , Assistant Director, LSUASC
1:00 PM-1:15 PM	Senior Leader Key Note/NASA Space Act Announcement	Dr. Jon Mogford , Vice Chancellor for Research, Texas A&M University System
1:15 PM-2:00 PM	Integration of UAS into Public Safety Response Our Panel of Experts offers recent insights, lessons learned and real-world contemporary examples of how UAS enabled Public Safety Operations improving safety, security, cost and overall effectiveness.	Steve Williams (Moderator) , Director Operations and Strategic Development, Integrated Center for Homeland Security, Texas A&M Engineering Extension Service (TEEX) Matthew Barger , Intelligence and Technology Portfolio Lead, Sector Outreach and Programs Division, Office of Infrastructure Protection, Department of Homeland Security Jeff Saunders , Director Texas Task Force 1 Jim DeVisser , Battalion Chief, Corpus Christi Fire Department Barry Moore , Detective, Mansfield Police Department
2:00 PM-2:45 PM	Unmanned Systems R&D and STEM Panel Our Panel of Experts will provide updates on a range of topics to include Autonomous UAS Control (a NASA Project) and STEM opportunities for High School and College Students	Dr. Luis Cifuentes (Moderator) , VP for Research, Commercialization and Industry Outreach, Texas A&M University Corpus Christi Sabrina Saunders-Hodge, PMP , Manager of Unmanned Aircraft Systems (UAS) R&D, UAS Integration Office, Federal Aviation Administration (FAA) <i>(Invited)</i> Ted Hill, Congressional Defense Fellow , LCDR US Navy Hunter Morgan and Aaron Hitchcock , Engineers, LSUASC Dr. Kamesh Namuduri , Associate Professor, University of North Texas

2:45 PM-3:15 PM	National UAS Credentialing Program (NUASCP) Panel Our Panel of Experts provides benefits from investing in the NUASCP to include how the program has made their company stronger in UAS safety and operational procedures.	Steve Williams (Moderator) , Director Operations and Strategic Development, Integrated Center for Homeland Security, Texas A&M Engineering Extension Service (TEEX) Scott McGowan , CEO, Precision Aerial Compliance Solutions, LLC Aaron Cook , UAS Manager, AETOS Danny Landry , President, LandBros Aerial Tim Dunnigan , President, Talon Aerolytics
3:15 PM-3:45 PM	UAS Enabling Railway Operational/Safety Improvements	Todd Graetz , Director, Technology Services Unmanned Aerial Systems (UAS), BNSF
3:45 PM-4:15 PM	UAS Capabilities Enabling Transportation Safety and Operational Improvements Overview of UAS enabling Traffic Incident Management in the State of Texas	Charlie Stevens , Research Engineer, P.E., PTOE, Texas A&M Transportation Institute (TTI) Maurice Griffin , Lead Engineer, LSUASC
4:15 PM-4:45 PM	The Future of UAS in the NAS	Davis Hackenberg (HQ-XP, NASA) , Deputy Project Manager, UAS Integration into the NAS
4:45-5:15	LSUASC and TEEX Economic Development Partners Overview Our Panel of Experts provide insights to Economic Development opportunities within the greater Coastal Bend (Corpus Christi, TX) and College Station communities.	Russell Franques (Moderator) , Associate Director, Client Relations, Coastal Bend Business Incubation Center (CBBIC) Emily Martinez , VP for Business Retention and Expansion Regional Development Corporation (RDC), Corpus Christi, TX., Natalie Ruiz , Director Economic Development, College Station, TX. Lisa Mutchler , Program Director, Economic & Workforce Development Texas A&M Engineering Extension Service (TEEX)

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10:30 AM-10:40AM	Senior Leader Welcome	Dr. Luis Cifuentes , VP Research-Commercialization and Industry Outreach, Texas A&M University-Corpus Christi Dr. Kelly Quintanilla , Interim President, Texas A&M University-Corpus Christi
10:40 AM-10:55 AM	Counter UAS Perspectives Jerry will provide perspectives on Counter-UAS Detection CONOPS and Lessons Learned.	Jerry Hendrix, Executive Director Lone Star UAS Center of Excellence and Innovation (LSUASC)
10:55AM-11:00AM	NASA-LSUASC Space Act Agreement Signing	Dr. Jon Mogford , Vice Chancellor for Research, the Texas A&M University System, Jerry Hendrix , Executive Director Lone Star UAS Center of Excellence and Innovation and Joel R. Sitz , Acting Director of Programs, NASA-Armstrong
11:00 AM-12:00 PM	Women in UAS (Leadership in Action) Our Panel of Senior Women Leaders in UAS discuss the ever expanding role for Women to contribute and grow as Leaders while shaping UAS in the NAS.	Rose Mooney (Moderator) , President, Arch Angel Aero Margaret Jenny , President, Radio Technical Commission for Aeronautics (RTCA) Dr. Robin Murphy , Director, Texas A&M University Experiment Station (TEES), Center for Robot-Assisted Search and Rescue (CRASAR) and the Center for Emergency Informatics, Raytheon Professor of Computer Science and Engineering Dr. Melanie Neely-Willis , Assistant Director, LSUASC

12:00 PM-1:00 PM	Lunch (Not provided)	
12:00 PM-12:30 PM	RELLIS Campus Update (Focused on Autonomous Systems) Update on the RELLIS Campus plans to support Autonomous Systems research and partnerships.	John A. Barton, P. E. , Associate Vice Chancellor and Executive Director, RELLIS Campus, Texas A&M University System
12:30 PM-1:00 PM	Best Practices and Technological Opportunities in Unmanned Search and Rescue	Dr. Robin Murphy , Director, Texas A&M University Experiment Station (TEES), Center for Robot-Assisted Search and Rescue (CRASAR) and the Center for Emergency Informatics, Raytheon Professor of Computer Science and Engineering
1:00 PM-1:45 PM	Application of UAS in Agricultural Research Our Panel of Experts provides exciting updates on how UAS technologies are enabling Agricultural Research and mitigating any future food crisis throughout the world.	Bob Avant (Moderator), P.E. , Director, Corporate Relations Texas A&M Agrilife Research Dr. Dale Cope , Associate Professor of Practice, Department of Mechanical Engineering, College of Engineering, Texas A&M University-College Station, TX. Dr. Jinha Jung , Assistant Professor, Engineering and Computer Science, Texas A&M University-Corpus Christi Dr. Nithya Rajan , Assistant Professor, Soil and Crop Sciences, College Station, TX.
1:45 PM-2:00 PM	Texas UAS Summit Poster Competition Awardees	Dr. Melanie Neely-Willis , Assistant Director, LSUASC
2:00 PM-2:30 PM	Texas Automated Vehicle Proving Ground Partnership. Update on a new Partnership with U.S. DOT designation for testing and early deployment of connected and automated vehicle technologies in Texas.	Dr. Christopher Poe P.E. , Assistant Director, Connected and Automated Transportation Strategy
2:30 PM-3:00 PM	Quebec/Canada UAS-LSUASC-TEEX Partnership Update Our Quebec/Canada Partner provides an update on their UAS capabilities and accomplishments followed by Ceremonial Signing of our Tri-Lateral Memorandum of Agreement to collaborate on UAS related matters.	Marc Moffatt , Director General, UAS Centre of Excellence, Alma Quebec, Jerry Hendrix , Executive Director, LSUASC and Gary Sera , Director/CEO Texas A&M Engineering Extension Service (TEEX)
3:00 PM	Inaugural Texas Unmanned Systems Summit Announcement (November 2018)	Joe Henry