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PRESS RELEASE

Future Strategic Security Environment Trends will be Address at Education Forum

Major changes that will profoundly influence the character of future warfare will be examined during ETA International's Education Forum keynote address on March 8, 2018 in Orlando, FL. These changes could have a direct impact on the electronics industry and ETA International is committed to working with the government to ensure its accredited certifications match the updated standards, knowledge, and hands-on skills needed to excel in various government and/or military positions.

Greencastle, November 21, 2017: Trends that are expected to create a world even more complex than the one confronting the military today will be the topic of the keynote address at [ETA International's](#) Annual Awards Banquet during [Education Forum](#), co-located with the [International Wireless Communications Expo](#), March 5-9, 2018 in Orlando, FL.



Dr. Michael R. Macedonia, Assistant Vice President for Research and Innovation at the University of Central Florida (UCF), Deputy Director for the UCF Applied Research Institute, and Co-Principal Investigator of the Defense Intelligence Agency-sponsored Intelligence Community Center for Academic Excellence (IC CAE), will emphasize that choices must be made among many viable options because of constraints that the United States faces in the development, acquisition, deployment and use of new systems.

"The military will need to rise to the challenge of placing big bets on modernization within this complex but uncertain environment," said Macedonia, who added, "This challenge is complicated by the abundance of options available for new systems and capabilities resulting from an explosion of potentially disruptive technologies entering the exponential growth phases of development".

Macedonia will examine five major changes that extend from the strategic security environment (SSE) and will profoundly influence the character of future warfare for the Army and joint military forces in the 2030-2050 timeframe:

- Conflict Extends to Cognitive Domain - where competition will move from primarily kinetic to increasingly non-kinetic.
- Domain Supremacy Contested- where the U.S. is moving from supremacy in most domains to more lethal and contested in all domains.
- Transparent War – where the U.S. military is moving from limited, stove-piped military, command, control, communications and computer intelligence, surveillance and reconnaissance (ISR) to continuous and pervasive commercial C4ISR.

- Battlespace Reconfiguration – moving from maneuvering primarily in open terrain and contiguous areas of operation to maneuvering in dense urban areas and dispersed, noncontiguous areas of operation.
- Contested Expeditionary Operations – moving from power projection at will to continuously contested from alert to employment.

ETA will host the Annual Awards Banquet on Thursday, March 8, 2018 beginning at 6:00 pm at Fogo de Chão, a Brazilian steakhouse, located at 8282 International Drive, Orlando, FL. To join ETA members and distinguished industry professionals at this banquet, please RSVP to ETA by March 1, 2018 at 800-288-3824 or eta@eta-i.org.

About the Keynote Speaker - Macedonia is a computer scientist and an expert on simulation technologies. Prior to joining UCF, which is the largest university in the United States and the largest producer of engineering graduates for the US aerospace industry, he was a Vice President and Technical Fellow at SAIC, and a General Manager for a virtual world software startup. Previously, he was a member of the Senior Executive Service and Director of the Disruptive Technology Office (now IARPA) for the Office of the Director of National Intelligence in Washington, DC. IARPA is the U.S. intelligence community's centrally funded research activity for advanced technology. Prior to DTO, he was the Chief Technology Officer for PEO STRI (formerly STRICOM) in Orlando, FL and was responsible for the technology strategy of the U.S. Army's lead simulation and training system development organization. During this time, Dr. Macedonia was the STRICOM lead in developing the Institute for Creative Technology (ICT). Before coming to Orlando, Dr. Macedonia was Vice President for Research at the Fraunhofer Center for Research in Computer Graphics in Providence, RI, which developed breakthrough telemedicine technology for DARPA. He also served as an Army officer in infantry and intelligence positions and as a member of the Uniformed Army Scientist Corps. He has a Ph.D. in computer science from the Naval Postgraduate School, a MS in Telecommunications from the University of Pittsburgh, and BS in Electrical Engineering from the United States Military Academy, West Point. He is a member of the IEEE Computer Society, the Association of Computing Machinery and the Army Science Board.

About the Education Forum - ETA International is proud to host hands-on training through outside vendors in popular technology areas related to ETA certification during Education Forum, co-located with the International Wireless Communications Expo, March 5-9, 2018, in Orlando, FL. ETA's partners, the industry's most respected trainers, will provide in-depth hands-on training in 12 key areas of expertise beginning on Monday, March 5th. Following each training class, ETA will provide opportunities to test for ETA certification.

About ETA - Since 1978, ETA has delivered over 200,000 certification examinations successfully. Widely recognized and frequently used in worker job selection, hiring processes, pay increases, and advancements, ETA certifications are often required as companies bid on contracts. ETA's certifications are personal and travel with the individual, regardless of employment or status change and measure competencies of persons, not products or vendors. All ETA certifications are accredited through the International Certification Accreditation Council (ICAC) and align with the ISO-17024 standard. www.eta-i.org

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