Embry-Riddle Aeronautical University, Prescott, AZ
Distinguished Cyber Intelligence & Security Speaker Series (Safe Mode)
Friday, September 25th, 12:00-1:00pm PT, Webinar
Register for the webinar at:
https://erau.zoom.us/webinar/register/WN_Gdw5zcz0RmyQpqHS1LVTZg

The College of Security and Intelligence (CSI) is excited to have Dr. Parimal Kopardekar (PK) as our virtual Distinguished Cyber Intelligence and Security (CIS) Speaker on Sept. 25th, 12pm PT. Please mark your calendars for this virtual interactive webinar!

Speaker: Dr. Parimal Kopardekar

Dr. Kopardekar serves as the Director of NASA Aeronautics Research Institute (NARI). In that capacity, he is responsible for exploring new trends and needs related to aviation in the areas of autonomy, aeronautics manufacturing, and advanced air mobility (AAM). He also serves as NASA's senior technologist for Air Transportation Systems and principal investigator for the Unmanned Aircraft Systems Traffic Management (UTM) project. He was formerly manager of the NASA's Safe Autonomous System Operations Project, which developed autonomy related concepts, technologies and architectures that will increase efficiency, safety, and capacity of airspace operations. Prior to that, he managed Next Generation Air Transportation Systems (NextGen) Concepts and Technology Development Project. At NASA, he has initiated many innovative research projects including reduced crew operations, net-enabled air traffic management, autonomy for airspace operations, Shadow-Mode Assessment using Realistic Technologies for the National Airspace System (SMART NAS), and low-altitude airspace management system focused on Unmanned Aircraft Systems (UAS) operations. In 2017, he was named among the 25 most influential people in commercial drone industry. He is the winner of the 2018 Samuel J. Heyman Service to America Medals (known as the Oscars for the federal workforce) in the "Promising Innovations" category. He has published over 50 conference and journal papers with three best paper awards, delivered more than 15 keynote talks at national and international conferences, and participates as an expert with media on topics related to unmanned aircraft systems, urban air mobility, and autonomy. He is a Fellow of the American Institute of Aeronautics and Astronautics (AIAA) and recipient of numerous NASA awards including Outstanding Leadership Medal and Engineer of the Year.

Title: AAM Supply Chain Management

Abstract: NASA's vision for Advanced Air Mobility (AAM) is to help emerging aviation markets to safely develop an air transportation system that moves people and cargo between places previously not served or underserved by aviation – local, regional, intraregional, urban – using revolutionary new aircraft that are only just now becoming possible. However, many original equipment manufacturers (OEMs) are concerned about the lack of strength and resiliency of the aerospace supply chain network. Often, these challenges include limited suppliers, access to raw material, and availability of talent/skills at all levels of production. In order to make AAM a reality and strengthen the supply chain network, three areas of improvement have been identified: developing capability to analyze and predict future needs, building a frictionless electronic platform for credentialed suppliers and OEMs, and cultivating talent and skills. This talk will explore the identified issues and discuss steps necessary to achieve NASA's vision for AAM.

We're now an DHS and NSA designated National Center of Academic Excellence for Cyber Defense Education (CAE-CDE) and offer one of a select few ABET accredited cybersecurity programs in the world. Join us and help secure future transportation systems and other critical infrastructure sectors!

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