

Good morning,
You are invited to attend our weekly ECE Graduate Seminar.

Old Dominion University
College of Engineering and Technology
Department of Electrical and Computer Engineering

All lectures to be held at 3:00pm on Fridays online at

https://vs.prod.odu.edu/kvs/interface_webex/?cid=202020_ECE731ECE831VS_94044

For more information, contact Dr. Chung Hao Chen at (757) 683-3475 or email cxchen@odu.edu.

Friday, January 22, 2021 Seminar Topic:

NEW TRENDS IN AUTOMOTIVE TECHNOLOGIES by Dr. Ciprian-Romeo Comsa, Associate Professor, Faculty of Electronics, Telecommunications and Information Technology, Technical University “Gheorghe Asachi” of Iasi, Romania

Abstract:

The automotive industry is undergoing massive digital transformation enabling futuristic concepts as Software Defined Car or Internet of Vehicles. The car of the future is connected, autonomous, shared, [user update-able] and electric, i.e., CAS[u]E. In this presentation we will give an overview of the products and systems that are influencing the automotive industry's megatrends that make driving safer, more comfortable and more sustainable. These trends pose challenges for the automotive electronics industry blending vehicles, devices, data, services and cities, bringing ups for some players and downs for others.

Bio:



Dr. Ciprian-Romeo Comsa, is currently Associate Professor at the Technical University “Gheorghe Asachi” of Iași, Romania, as well as the Academic Liaison & Innovation Manager at Continental Automotive Romania SRL. After receiving the B. Sc. degree and M. Sc. degree in electrical engineering from the Technical University “Gheorghe Asachi” of Iasi, in 2000 and 2001, he pursued a Ph.D. degree in electrical engineering at New Jersey Institute of Technology, 2006 to 2011. He conducted research activities on wireless communication systems design, source localization and compressive sensing. He participated in various research projects in Romania and Unites States and he published and presented

part of his work at prestigious international conferences. His research interests include automotive electronic control systems, functional safety management, radio localization and signal processing algorithms, inter-vehicular communications, and artificial intelligence applied in the fields of automotive and communications.