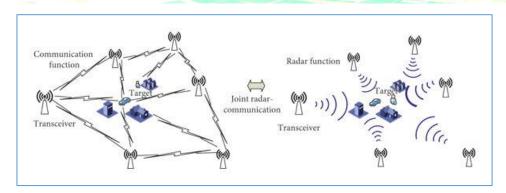
IEEE Southeastern Michigan Presents a Distinguished Speaker Talk on Signal Processing for Vehicular Joint Radar-Communications





Quick Summary

When:

Date: Sep 15, 2023

Time: 12 noon - 1:00 PM

(EST/EDT)

• Where:

ECE 254, Oakland University, 115 Library Drive, Rochester, MI 48309

Audience: OPEN to ALL

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IEEE
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Vehicle Tech Society
Technical Chapter

In this talk, we focus on the recent signal processing strategies and challenges associated with the development of sensing and communication systems that coexist with the vehicles and road infrastructure deployed in a given area. In particular, we focus on the joint design of a waveform to mitigate interference, including communications-centric waveforms (OFDMA and 802.11ad), radarcentric waveforms (PMCW), or unified waveforms achieving optimal trade-offs between the two systems.

Speaker Bio:

Kumar Vijay Mishra (SM'18) obtained a Ph.D. in EE from the University of Iowa in 2015. He is currently Senior Fellow at the United States Army Research Laboratory (ARL)

*Pre-Registration Required!

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