

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, April 16, 2021 Seminar Topic:

REAL-TIME CORRIDOR DETECTION FOR MOBILE ROBOT NAVIGATION WITH HOUGH TRANSFORM USING A DEPTH CAMERA by Ahmet Saglam, Ph.D. Candidate in the Department of Computational Modeling and Simulation Engineering at Old Dominion University

Abstract:

The ability to detect corridor-like structures is essential for autonomous mobile robot navigation in indoor environments. In this paper, we present a novel method for real-time corridor detection using a single depth