FACULTY MENTOR

Piya Pal

PROJECT TITLE

Optimization and (Online) Learning for Channel Sensing with Limited Data

PROJECT DESCRIPTION

We will explore how (online) learning can aid channel sensing for next-generation millimeter-wave wireless communication systems and autonomous systems when sufficient training data is not available. We will investigate robust optimization methods that can be used to develop reliable estimates in the limited data regime.

This project will be in person.

INTERNS NEEDED

2 Students

PREREQUISITES

- Strong analytical background and proficiency in programming/software.