

Faculty Name:

Gil Zussman

Faculty Email:

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Lab:

Wireless and Mobile Networking Lab

Project Title:

Full-Duplex (FD) wireless

Description:

Full-Duplex (FD) wireless technology allows for simultaneous transmission and reception on the same frequency channel, a more spectrum-efficient communication paradigm than the current half-duplex architecture used in all modern wireless systems. The FlexICoN interdisciplinary project directly addresses important cross-layer challenges stemming from novel small-form-factor FD transceiver implementations. In this project, students will explore FD transceiver and algorithm development, familiarizing themselves with the fundamentals of FD operation at the node, link, and network levels.

Location of Research:

On-Site

of hrs/week:

40

Department/Program:

Electrical Engineering

Eligibility:

BS, Third Year, BS, Fourth Year, MS

To apply, please contact:

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