

Faculty Name:

Gil Zussman

Faculty Email:

gil.zussman@columbia.edu

Lab:

Wireless and Mobile Networking Lab

Project Title:

Evaluating 5G/6G Wireless (Collaboration with Nokia Bell Labs)

Description:

5G-and-beyond networks will utilize data transmissions at millimeter-wave (mmWave) and terahertz (THz) frequencies to improve data throughput and wireless spectrum utilization. In collaboration with Nokia Bell Labs, we evaluate 5G/6G wireless at a variety of locations within the Columbia campus using a channel sounder. Students working on this project will be responsible for collecting data using the channel sounder and potentially helping analyze the results.

Location of Research:

On-Site

of hrs/week:

40

Department/Program:

Electrical Engineering

Eligibility:

BS, First Year, BS, Second Year, BS, Third Year, BS, Fourth Year, MS

To apply, please contact:

Abhi Adhikari - abhishek.adhikari@columbia.edu