Overview

Ph.D. openings are available in the Communications and Information Processing Laboratory (CIPL) in the Department of Electrical and Computer Engineering at the University of North Carolina at Charlotte (UNC Charlotte), led by Prof. Ahmed Arafa.

Areas of research include:

- Federated and distributed learning systems.

- Semantic communications (e.g., check out: Age of Information).

- Security and privacy of information processing systems.

To excel in this journey, students will be developing knowledge and background in communication theory, wireless communications, information theory, estimation theory, networks, statistical signal processing, machine learning and optimization.

Prospective students are expected to have **strong mathematical reasoning skills.** Having a Masters degree is a plus, but is not required.

Contact

If you are interested, please send an email to aarafa@uncc.edu with the following items included:

- Email subject should be: "PhD Student Application". (**To avoid letting your email go unnoticed.**)

- A recent CV/resume.

- Transcripts (unofficial are initially OK) from your undergraduate institution (and graduate, if any).

- One representative research paper of your work. If not available, then include a one-page summary of your senior design/undergraduate graduation project.

Short-listed prospective students will be contacted for an interview.