

## Open Postdoc and Graduate Student Positions

There are openings for postdoc (research professor) and graduate student with a strong background in signal processing and/or wireless communications. The ideal candidate will have a Ph.D. in Electrical Engineering or Applied Mathematics, a combination of strong theoretical and practical interests, good teamwork and communication skills, including excellent spoken and written English. The position is initially for one year, with possible extension up to three years. To apply, please send a CV and brief research statement to [bshim@snu.ac.kr](mailto:bshim@snu.ac.kr)

Our current research topics include, but not limited to, the following:

- **Compressive sensing and its applications (multiple measurement vector problem, dictionary learning, compressive sensing for wireless communications/underwater acoustic systems)**
- **Matrix completion and phase retrieval**
- **Big data signal processing and machine learning**
- **5G wireless systems including machine type communications (MTC), internet of things (IoT), and massive MIMO systems**