

PostDoctoral, PhD and MS Researcher Positions Dynamic Resource Management in Heterogeneous Networks

Project:

Heterogeneous network configurations consisting of femto/pico/micro/macro-cells have been shown to increase system capacity and overall service quality in addition to reducing the load on macrocell base stations. The scope of this project is to develop distributed algorithms for power/frequency allocation, coverage optimization and handoff that will enable a more effective usage of spectrum in heterogeneous mobile networks.

Profile:

- You have an undergraduate degree in electrical engineering, or in a related discipline. Students in their final year can also apply.
- You have a strong interest in scientific research.
- A strong mathematical background is desired.
- You are motivated, enthusiastic, and eager to learn.
- You are fluent in English.
- You are independent, flexible, and have good organizational skills.

Offer:

You will work in a stimulating and challenging work environment with a high degree of flexibility and autonomy. Multiple TUBITAK scholarships available. The monthly stipends are as follows:

- Post doctoral researcher: 2.800TL/month
- PhD student: 2.500TL/month
- MS student: 2.200TL/month

Interested?

For more information please contact Prof. Dr. Mehmet Akar, tel.: +90 212 359 6854, mehmet.akar@boun.edu.tr. All applications require a resume and copies of undergraduate/graduate transcripts and a motivation letter. Search will continue until all positions are filled.