

PostDoctoral, PhD and MS Researcher Positions Distributed Group Consensus in Faulty Networks

Project:

Over the past decade, distributed coordination control of multi-agent systems has received significant research attention. Distributed coordination control problems in networks of dynamic agents are addressed in various forms such as consensus, optimization, task assignment and formation control. The consensus problem, where a group of agents agree upon a certain quantity of interest while exchanging information among themselves, is one of the most important in this context. The scope of this project is the design, analysis and implementation of distributed scalable group consensus algorithms for an n agent network operating in faulty and uncertain environments.

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.