MULTIPLE TÜBİTAK 1001 PROJECT SCHOLARSHIP POSITIONS AVAILABLE

Multiple scholarship positions are available at the Master's, Ph.D. and post-doctoral levels in a TÜBİTAK (Turkish National and Scientific Research Council) project, entitled "Development of the Machine Learning Based Joint Forecasting-Scheduling Method for Massive Access in the Internet of Things". Hosted at Yaşar University, Izmir, Turkey, the project is supported by the prestigious 1001 program of TÜBİTAK and lies at the intersection of the Internet of Things (IoT) and Artificial Intelligence (AI). Research experience on this project is expected to position the scholars strongly for jobs in academia and industry both in Turkey and abroad.

The project is targeted at enabling the wireless access of over 10,000 devices to a single IoT Gateway or base station. Our research group is a significant developer of novel AI-based solutions to the Massive Access Problem of IoT and publishes at high-impact venues such as the IEEE IoT Journal (Impact Factor: 9.5) and IEEE Access (Impact Factor: 3.75). Scholars who join the project will gain significant experience working one-on-one with leading experts in their fields. We foster a dynamic, multi-disciplinary research environment in which online group meetings as well as both individual and teamwork result in both high-quality training for the scholars and significant, highly-cited publications.

Many scholars who have worked on our past projects have obtained jobs in prestigious firms as well as start-up companies in Turkey and abroad. Others have been admitted to the top Ph.D. programs in Europe. Scholars in our research group are raised to meet the highest academic standards upheld by the top institutions in the world.

We seek highly qualified applicants in the fields of Computer Science, Electrical Engineering or any of the related technical disciplines. We expect applicants to have a keen interest in IoT or wireless technologies and/or machine learning, deep learning, artificial intelligence. Fluency in at least one computer language (e.g. Python, MATLAB, or C++) is required. The applicants are not required to live in the Izmir metropolitan area. Our research group has adopted the highest standards during the COVID-19 pandemic in order to ensure the health and safety of all scholars and encourages the use of a virtual work environment.

The maximum possible salary stipulated by TÜBİTAK will be paid to each scholar. The net (i.e. after-tax) salary per month is 4500 TRY for post-docs, 3500 TRY for Ph.D. students, and 3000 TRY for M.S. students, provided that they do not concurrently work elsewhere. The remaining duration of the project is approximately 1.5 years. (Scholars who are successful on this project will be offered the opportunity to continue with other projects in our research group.) M.S. and Ph.D. scholars must be enrolled full-time in an academic program at a university in Turkey. In addition to the salary, our research group provides significant resources for the TÜBİTAK scholars on this project, including access to high-performance computing platforms.

Interested applicants are requested to upload their cover letter addressed to the Project Director, Assoc. Prof. Volkan Rodoplu at Yaşar University, Izmir, Turkey, as well as their C.V. (both in English) to https://forms.gle/dbuqVAKNtHgP7Rfs6, and answer the additional questions posed therein. Applicants are also encouraged to upload their most important publications, if there are any, as PDF files. (Please do not upload any work that has not yet been published.)