

There are two fully funded (PhD) positions available for the project with the title "Theoretical Fundamentals of Quantum Path Computing, Universal Quantum Computer Models, Proof-of-Concept Simulations and Experiments with Numerical Problem Solving Applications" which is supported by TUBITAK 1001 program.

The Students working in the project will have the chance to do both theoretical and experimental studies in the recently established Quantum Computing Laboratory by using Fourier and quantum optics methods. They will have chance to improve themselves in quantum computing and information theory and specialize in the field of quantum computers for which the practical examples are increasing all over the world. It is promising globalization and important applications in many areas both academically and commercially.

Deadline for the application: February 9, 2021

Scholarship duration: 2 years or more

Number of students: 2

Location: Yaşar University, İzmir, 35100 TURKEY

Funding Institution and program: The Scientific and Technological Research Council of Turkey, 1001 Program

Required qualifications: Interest in quantum technologies, undergraduate education in Physics, Mathematics, Computer Science or Electronics Engineering.

Interested students can apply to [burhan.gulbahar@yasar.edu.tr](mailto:burhan.gulbahar@yasar.edu.tr) with a CV and a brief explanation of why they are interested in the project.