

CISTalks

Time: **2024-04-03T15:00**

Location: **BBBF-311, Yeditepe University**

Open to the public. All are invited.

Quantum Computing

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Algorithmiq

Abstract

In this talk, we will do a brief introduction to quantum computing. Beginning with the origins of computation, we will see how the idea of quantum computing has emerged and investigate the differences between classical computing and quantum computing. We will look at what advantages quantum computers can bring in and talk about the current and future status of quantum computers.

Biography

Özlem Salehi Köken obtained her Ph.D. degree in the field of theoretical computer science in 2019 from Boğaziçi University, İstanbul, Turkey. She worked as a postdoctoral researcher at Institute of Theoretical and Applied Informatics, Polish Academy of Sciences, during which she focused on quantum optimization. Currently, she is working at a quantum computing startup Algorithmiq, based in Finland. She is one of the founders of QTurkey, a community to popularize quantum technologies in Turkey. She has organized and instructed quantum programming workshops and developed open-source educational materials to promote quantum computing.