ASU Quantum Information Processing Seminar Series
Fall 2021

Quantum Computing at D-Wave

Monday, September 27, 2021,10:00 am

Via Zoom: https://asu.zoom.us/j/88082290289

Abstract

D-Wave's mission is to unlock the power of quantum computing for the world. In this seminar, we will introduce you to D-Wave's quantum computers and suite of software tools that are available through the Leap cloud platform. Starting with a high-level overview of quantum annealing, we'll explore how we can interact with the hardware using the Ocean Software Development Kit, a Python programming package. To conclude, we'll showcase some live demos and real-world customer applications.

Dr. Victoria Goliber

Senior Technical Analyst

D-Wave Systems

Bio

Dr. Victoria Horan Goliber, Senior Technical Analyst, joined the sales team at D-Wave Systems in 2018. In her current role, Dr. Goliber works with teams around the world to bring quantum annealing to a variety of groups through seminars, workshops, and conferences. She received her Ph.D. in Discrete Mathematics from Arizona State University through the U.S. Department of Defense Science, Mathematics, and Research for Transformation (SMART) Scholarship Program, and more recently completed a MS degree in Computer Science with a specialization in machine learning through Georgia Institute of Technology. Her doctoral research bridged both mathematics and Computer Science with a focus on de Bruijn sequences and Gray codes for combinatorial objects. After graduation, Dr. Goliber worked as a Senior Mathematician with the U.S. Air Force Research Laboratory's Information Directorate, along with a special assignment as the Executive Officer to the Director.

Hosts:
Arunabha Sen
Aviral Shrivastava
Zhilin Jiang

This talk will be recorded. To view contact:
Arunabha.Sen@asu.edu

Ira A. Fulton Schools of Engineering
Arizona State University

School of Computing and Augmented Intelligence