
Texas Tech Quantum Computing Seminar Series

April 9, 2021

2:00 PM – 3:00 PM

<https://zoom.us/j/92939545211>

Quantum approximate optimisation algorithm: Theory, applications, and perspectives

ABSTRACT

We will outline the theory behind Quantum Approximate Optimisation Algorithm (QAOA), shedding some light on its main features and properties, as well as giving an overview of papers produced in the last five years. Finally, we will discuss some perspectives about this algorithmic technique.

BIOGRAPHY

Bruno Chagas obtained his PhD at the National Laboratory for Scientific Computing (Brazil) in 2018 studying quantum walks and its applications, with a post-doc at Federal University of Minas Gerais (Brazil), and recently joined Irish Centre for High-End Computing (Ireland) as a computational scientist involved in projects on quantum computing.

