Contribution ID: **1** Type: **not specified**

Quantum Computing - A general introduction

This talk provides a foundational introduction to quantum computing, covering key concepts such as qubits, superposition, and entanglement. We will explore how quantum computing differs from classical approaches, highlighting its potential for tackling complex challenges in for example optimization, cryptography, and fundamental science.

The presentation will also provide a high-level overview of the current quantum computing landscape, including advancements in quantum hardware, software, and the growing ecosystem of technologies. This session is designed to offer a clear and accessible entry point for those new to quantum computing, as well as a framework for understanding its practical applications and future potential.

Presenter: TUCCI, Alice di (None)

Session Classification: Introduction