

Seminario di Dipartimento SMFI



**Dr. André Carvalho**

Quantum Control Solutions (Berlin)

terrà un seminario dal titolo

**Make quantum computing useful with performance  
enhancing infrastructure software**

Abstract:

Excitement about the promise of quantum computers is tempered by the reality that the hardware remains exceptionally fragile and error-prone, forming a bottleneck in the development of novel applications. In this talk we show how quantum control delivered by software could accelerate the adoption of quantum technologies by improving the performance of commercial quantum computers. We will discuss the control methods underlying our performance enhancement solutions and illustrate the improvement in a suite of algorithms, including hybrid algorithms with direct application to industrial logistic optimization problems.

mercoledì 17/1/2024, ore 16:30, Aula Newton  
(plesso fisica)

