

## Eraraya Ricardo Muten

has participated in the

### MCQST Bachelor Summer Student Program 2021

The MCQST Bachelor Summer Student Program provides Bachelor students worldwide the opportunity to gain insight into research in quantum science and technology (QST) at the Munich Center for Quantum Science and Technology (MCQST). Within MCQST leading scientists from the disciplines of physics, mathematics, computer science, electrical engineering, material science, and chemistry, thrive to discover and understand the novel and unifying concepts in the interdisciplinary research fields of QST.

The Bachelor Summer Student Program 2021 took place online from **11 to 16 July 2021**.

### Contents

#### Scientific Programm

- Tutorials on Quantum Information Theory and Quantum Hardware (6 hours)
- Introduction to the MCQST Research Units (6 hours)
- Virtual lab tours (2.5 hours)
- Presented a talk on "Quantum Convolutional Neural Networks for High Energy Physics Analysis at the LHC" at the virtual student conference on July 16<sup>th</sup>

#### Workshops

- Poster and Presentation Skills Workshop (2 hours)
- Intercultural Training – Studying in Germany (1.5 hours)

In case you have any inquiries about the participant or the program, please get in touch with the MCQST Office or visit the program's website - [www.mcqst.de/summer](http://www.mcqst.de/summer).

Munich, August 5<sup>th</sup> 2021



Dr. Tatjana Wilk  
MCQST General Manager

