

Curriculum Vitae

Francisco Neme Campos Dahab

1 Personal Information

- Name: Francisco Neme Campos Dahab
- Gender: Male
- Place and Date of Birth: Campinas, Brazil – 12/20/2001
- Address: Av. Padre Pereira de Andrade, 127, Apt. 64 Block CA – São Paulo, SP, Brazil 05469-901
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2 Academic Education

2.1 Undergraduate Education

- *Bachelor's degree in Physics*: Institute of Physics of the University of São Paulo, Brazil.
Period: 2020 – 2023 (expected)

2.2 Additional relevant courses

- *Perimeter Scholar International (PSI) Start Online School*: Perimeter Institute for Theoretical Physics (PI).
Year: 2023
- *Journeys into Theoretical Physics*: International Center for Theoretical Physics - South American Institute for Fundamental Research (ICTP-SAIFR).
Year: 2023
- *Jayme Tiomno Physics School Minicourse on Beyond the Standard Model Physics*: Institute of Physics of the University of São Paulo (IF-USP).
Year: 2022
- *Jayme Tiomno Physics School Minicourse on an Introduction to Quantum Field Theory in Curved Spacetime*: Institute of Physics of the University of São Paulo (IF-USP).
Year: 2022
- *Reading Course on the foundations of Quantum Mechanics*: Under the advisory of Prof. Marcelo Terra Cunha.
Year: 2021
- *International Summer School for Young Physicists*: Perimeter Institute for Theoretical Physics (PI).
Year: 2018
- *Minicourse on Relativity, Gravitation and Quantum Mechanics*: Institute of Theoretical Physics at the São Paulo State University (IFT-UNESP)
Year: 2017

3 Research Experience

- *Undergraduate Research Project*: Under the advisory of Prof. Ricardo D'Elia Matheus, at the Institute of Theoretical Physics at the São Paulo State University
Title of the project: *Introduction to Quantum Field Theory and Particle Physics with applications on derivations via Mathematica*
Period: 2022–present
- *Undergraduate Research Project*: Under the advisory of Prof. Orlando Luis Goulart Peres, at the Gleb Wataghin Institute of Physics of the University of Campinas
Title of the project: *Physics of Neutrino Oscillation*
Period: 2018–2019

4 Awards and Achievements

- *Third Place, 2018 Brazilian Qualifiers for the International Young Physicists Tournament*
- *Gold Medal, 2017 Brazilian Astronomy Olympiad*
- *Gold Medal, 2017 Brazilian Physics Olympiad*
- *Silver Medal, 2017 São Paulo State Physics Olympiad*
- *Gold Medal, 2016 Brazilian Physics Olympiad*
- *Bronze Medal, 2016 São Paulo State Physics Olympiad*
- *Bronze Medal, 2014 São Paulo State Physics Olympiad*
- *Bronze Medal, 2013 São Paulo State Physics Olympiad*
- *Gold Medal, 2013 Math Kangaroo*

5 Additional Skills

5.1 Languages

- *Portuguese*: Fully proficient
- *English*: Fully proficient
- *Spanish*: Reading and Listening

5.2 Programming

- *Mathematica*: Proficient
- *Python*: Some experience

5.3 Teaching

- Volunteered as a teacher of mathematics and physics at a public school from 2018 to 2019