

Giovanna Tramontin

PhD Candidate

EDUCATION

State University of Campinas (Unicamp)
Master in Medical Physics

Campinas, Brazil
2020 - 2023

Title: Evaluation of Voxelized Breast Models for Mammography Dosimetry

Advisor: Prof. Dra. Alessandra Tomal

Performance Coefficient (0 to 4): 3.75

Federal University of Santa Catarina (UFSC)
Bachelor in Physics

Florianópolis, Brazil
2016 - 2020

Academic performance index (0 to 10): 7.12

LANGUAGES

- Portuguese: Native language
- English: Advanced (TOEFL score: 98)
- Italian: Basic

Skills

- Python - intermediary
- Monte Carlo simulations
- Data analysis
- Graph plotting
- Laboratory work experience
- Group work experience

Articles

- "Impact of fibroglandular tissue distribution and breast shape in voxelized breast models for dosimetry in mammography"
 - Accepted for publication in the Physics in Medicine and Biology journal in 2023.
 - Authors: Gabriel Ferrauche *, Giovanna Tramontin *, Rodrigo T. Massera, Alessandra Tomal.
 - * G. Ferrauche and G. Tramontin contributed equally to this work as co-first authors.

Presentations and Events

- XXVI Brazilian Congress and IX Latin American Congress of Medical Physics - Evaluation of Voxelized Heterogeneous Breast Models for Mammography Dosimetry. Fortaleza, 2022
- VIII UFSC Physics and Astronomy Meeting - Study of Ternary Composite GO/MnO₂/Pani in a Columnar Liquid Crystal. Florianopolis, 2020.
- XVIII B-MRS Meeting - Study of Ternary Composite GO/MnO₂/Pani in a Columnar Liquid Crystal. Balneario Camboriu, 2019.

ACADEMIC ACTIVITIES

UFSC Physics Department

Scientific Initiation Student

Florianópolis, Brazil
2016

- Directed Studies: Double Pendulum Dynamics (2016 - 2018)
 - Funded by the National Council for Scientific and Technological Development (CNPq)
 - Advisor: Prof. Dr. Kahio Tibério Mazon
- Directed Studies: Study of Ternary Composite GO/MnO₂/Pani in a Columnar Liquid Crystal (2018-2020)
 - Funded by the National Council for Scientific and Technological Development (CNPq)
 - Advisor: Prof. Dra. Juliana Eccher

HOBBIES AND INTERESTS

- Crochet
- Books
- Movies and series
- To consume scientific divulgation