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ANGELO GIANNONE

MEDICAL PHYSICIST

ABOUT ME

Specialized in Medical Physics at the University of Padua with experience in research and participation in multicentre research projects, aiming to actively contribute to the field of medical physics

EDUCATION

• 2015 – 2019

Bachelor's Degree in Physics

Università del Salento - 16/10/2019

Grade 102/110

Thesis: *Studio sulle prestazioni dei Rivelatori a scintillazione per l'Osservatorio Pierre Auger*

• 2019 – 2022

Master's Degree in Physics

Università di Pavia - 29/04/2022

Grade 101/110

Thesis: *Immagini di Diffusion Tensor Imaging in un modello preclinico di SLA: sviluppo di una pipeline di post-processing*

• 2023 – 2026

Specialization in Medical Physics

Università di Padova - 27/01/2026

Grade 110/110

Thesis: *Cumulative effective and organ dose estimation and cancer risk assessment in pediatric interventional cardiology patients*

SOFT SKILLS

- Collaboration and teamwork in multidisciplinary settings
- Adaptability and continuous learning
- Research-oriented and programming mindset

DIGITAL SKILLS

- Programming: proficiency in MATLAB®, basic Python and C#, including ROOT libraries for data analysis
- Bash scripting
- Office/Apple suite and LaTeX
- Multimedia editing software (OBS Studio®, Adobe Premiere Pro®, WordPress®, Canva®)

SPECIFIC SKILLS

- Radiotherapy treatment planning: experience with Varian Eclipse®
- Knowledge of ARIA® system for clinical radiotherapy workflow
- Quality control in radiology
- Open-source image analysis (3D Slicer, ImageJ/Fiji) and MRI image processing (FSL)

HOBBIES & OTHER INTERESTS

- Passion for science communication
- Critical analysis of narrative media, with articles published in online journals (classicult.it and xtracult.it)

WORK EXPERIENCE

Research Fellow at the Veneto Institute of Oncology (IOV) for a national multicentre ministerial research project: "DIAGNOSTIC REFERENCE LEVELS FOR PEDIATRIC HEART CATHETERIZATIONS: SETUP OF A NATIONAL PLATFORM" (Ministerial Project GR-2018-12365477) Duration: 01/08/2022 – 10/09/2024

PUBLICATIONS

Giannone A, De Monte F, Colangelo M, Di Salvo G, Fraccaro C, Sirico D, Paiusco M, Castaldi B.: **Standardized diagnostic reference levels for paediatric interventional cardiology: Data from an Italian referral centre.** Phys Med. 2024 Aug;124:104487. doi: 10.1016/j.ejmp.2024.104487 Epub 2024 Jul 30. PMID: 39084137.