



PERSONAL INFORMATION

Federica Guida

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PROFESSIONAL EXPERIENCE

From 16/06/22 - current

Medical Physics Expert - Medical Physics Department

Istituto Oncologico Veneto – UOC Fisica Sanitaria

EDUCATION AND TRAINING

2019-2022

School of Medical Physics

Università di Padova, 110/110

- Thesis: Use of Optically Stimulated Luminescence (OSLD) for foetal dose estimation in radiotherapy (Advisor: Dott.ssa Paiusco)

2016-2018

Master Degree in Physics - Curriculum Biomedical Physics (LM-17)

Università degli Studi di Napoli "Federico II", 110/110

- Thesis: Dose intercomparison at Italian hadrontherapy centers (Advisors: Prof. P. Russo, Prof. G. Mettivier)

2007-2013

Laurea Triennale in Fisica

Università degli Studi di Napoli "Federico II"

- Thesis: Models of DNA denaturation transition (Advisor: Prof. L. Peliti)

PERSONAL SKILL

Mother tongue

Italian

Others

English

COMPREHENSION		SPEAKING		WRITING
Listening	Reading	Conversation	Oral Production	
Advanced	Advanced	Advanced	Advanced	Advanced

Publications

Dose intercomparison at European hadrontherapy centers

F. Guida, A. Barbato, F. Di Lillo, M. Ciocca, E. Mastella, S. Lorentini, M. Schwarz, G. Petringa, G.A.P. Cirrone, P. Tarabelli De Fatis, M. Liotta, G. Mettivier, P. Russo

ORAL PRESENTATION

X Congresso Nazionale AIFM

Dose intercomparison at European hadrontherapy centers

F. Guida, A. Barbato, F. Di Lillo, M. Ciocca, E. Mastella, S. Lorentini, M. Schwarz, G. Petringa, G.A.P. Cirrone, P. Tarabelli De Fatis, M. Liotta, G. Mettievier, P. Russo
ARTICLE

Physica Medica, 68, 83-87 (2019) - European Journal of Medical Physics

Brain Radiotherapy During Pregnancy: a dosimetric Study for Fetal Dose With OSLD

E. Villegas Garcia, F. Guida, A. Germani, F. de Monte, M. Fusella, A. Roggio, A. Scaggion; R. Zandonà; F. Busato; M. Paiusco

POSTER

International Conference on Advances in Radiation Oncology (ICARO-3) - Virtual event

Assessment of SciMoCA as second dosimetry check in the clinical routine practice

F. Guida, A. Scaggion, M. Fusella, N. Pivato, A. Roggio, M.A. Rossato, R. Zandonà, M. Paiusco

POSTER

ECMP 2020 (postponed to 2021)- 3rd European Congress of Medical Physics

Dosimetric Study of Fetal Dose during External Beam Radiotherapy using OSLD

E. Villegas Garcia, F. Guida, A. Germani, F. de Monte, M. Fusella, A. Roggio, A. Scaggion; R. Zandonà; F. Busato; M. Paiusco

ORAL PRESENTATION

ECMP 2020 (postponed to 2021)- 3rd European Congress of Medical Physics

Size-specific dose estimates for pediatric head CT protocols based on the AAPM report TG-293

S. Sapignoli, A. Roggio, A. Boschini, F. Guida, C. Merlo, M. Paiusco, A. Zorz, F. De Monte
ARTICLE

Physica Medica, 100, 26-30 (2022), <https://doi.org/10.1016/j.ejmp.2022.06.004>

Fetal dose estimation for Virtual Tangential-fields Arc Therapy whole breast irradiation by optically stimulated luminescence dosimeters

F. Dusi, F. Guida, E.N. Villegas Garcia, M.A. Rossato, A. Germani, S. Sapignoli, A. Scaggion, A. Scott, A. Zorz, M. Paiusco

ARTICLE

Physica Medica, 101, 44-49, (2022), <https://doi.org/10.1016/j.ejmp.2022.07.007>

Impact of patient's habitus on image quality and quantitative metrics in 18F-FDG PET/CT images

A. Zorz, A. D'Alessio, F. Guida, R. Ramadan, E. Richetta, L. Cuppari, R. Pellerito, G. Sacchetti, M. Brambilla, M. Paiusco, M. Stasi, R. Matheoud

ARTICLE

Physica Medica, 109, (2023), <https://doi.org/10.1016/j.ejmp.2023.102584>