Curriculum vitae

PERSONAL INFORMATION

Mariaconcetta Longo

longo.mariaconcetta@gmail.com

Sex Female | Date of birth 6 Mar 1988 | Nationality Italian

POSITION

Medical Physicist and PhD Student (Morphogenesis & Tissue Engineering - "Sapienza" University, Rome, Italy)

WORK EXPERIENCE

12/11/2019–Present

Medical Physicist

S. Bortolo Hospital, Vicenza (Italy)

18/03/2019–11/11/2019

Medical Physicist

University Hospital Arcispedale S. Anna, Ferrara (Italy)

01/10/2017–15/03/2019

Medical Physicist

Bambino Gesù Children's Hospital, Rome (Italy)

01/06/2016–15/03/2019

Radiation Protection Expert

Cooperativa Operatori Sanitari Associati, Rome (Italy)

Collaboratore Coordinato e Continuativo under Italian law

01/04/2016–30/09/2017

Medical Physicist - Researcher

Bambino Gesù Children's Hospital, Rome (Italy)

Research project: *3D printing methods and Monte Carlo calculation for dosimetric studies in nuclear medical therapy for pediatric patients*.

01/01/2013–16/03/2016

Researcher Collaborator

Sapienza University of Rome - Molecoular Medicine Department, Rome (Italy)

- Molecular imaging innovative equipments for radioisotopes single photon emission (SPECT).
- Algorithms development for imaging and gamma rays spectrometry.
- Innovative computational techniques for the development of instrumentation based on molecular imaging.
- Imaging and dosimetry for RX tomosynthesis.

01/06/2012–28/02/2016

Residence for Italian MPE Certification

Azienda Ospedaliera Policlinico Umberto I, Rome (Italy)

- Radiotherapy planning with TPS Pinnacle (3D-conformational and IMRT).
- Brachytherapy planning.
- Total Body Irradiation planning and verification.
- Quality Assurance in radiotherapy equipment: dosimetric measurements.

- Quality assurance in Radiodiagnostic.
- Quality assurance in Magnetic Resonance.
- Radiation Protection.

01/01/2014–31/03/2014

Researcher

Sapienza University of Rome, Rome (Italy)

Collaboratore Coordinato e Continuativo under Italian law

Characterization of scintillation crystals for the realization of a radiaiton direction detector for the project *Goniometric scintigraphic probefor the rapid spatial location of marked radio-molecules fordiagnostic and surgical.*

01/04/2012–31/03/2013

Research Collaborator

ELETTRA Synchrotron - SYRMEP beamline, Rome (Italy)

- Phase Contrast Imaging.
- Characterization of a single photon counting detector.

EDUCATION AND TRAINING

07/2017

Italian Qualified Expert in Radiation Protection – III Degree

Italian Department of Labour and Social Policy, Rome (Italy)

Radiation Protection Expert for all kind of source of ionizing radiation – Accreditation number 823.

03/2012–03/2016

Italian Medical Physicist Certification

EQF level 8

Sapienza University of Rome, Rome (Italy)

Vote 70/70 L – Thesis: *Variable slant hole collimation system for gamma tomosynthesis*. – Supervisor: Prof. Roberto Pani – Full Professor of Medical Physics – Sapienza University of Rome.

09/2009–11/2011

Master's Degree in Physics

EQF level 7

University of Trieste - Physics Department, Trieste (Italy)

Vote 110/110 L – Thesis: *A quantitative study of coded-aperture based X-ray Phase Contrast imaging with synchrotron radiation* – Supervisor: Prof. Renata Longo (Professor of Medical Physics, University of Trieste) – Coadvisor: Prof. Alessandro Olivo (Professor of Medical Physics, University College of London).

09/2009–11/2011

Bachelor's Degree in Physics

EQF level 6

University of Trieste - Physics Department, Trieste (Italy)

Vote 110/110 L – Thesis: *Autoradiografia neutronica di tessuti polmonari unani irradiati presso e-linac ospedalieri in studi di BNCT* – Supervisor: Prof. Gianrossano Giannini – Full Professor, University of Trieste.

01/07/2010–30/09/2010

Internschip - Medical Physics

University College of London - Department of Medical Physics and Bioengineering, London (United Kingdom)

Grant of the Erasmus Placement project.

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Good communication skills gained through my experience as speaker at national and international conferences.

Organisational / managerial skills

Excellent organisational and managerial skills.

Great aptitude to teamwork gained as scientific collaborator with different research groups.

Job-related skills

Ability and experience in:

- Radiotherapy: Quality assurance of Linac accelerator. External Beam Radiotherapy Planning (3DCRT, IMRT, VMAT, TBI, IORT). Pre-treatment Quality Assurance. LINAC Quality Assurance. Brachytherapy treatments: ocular BT with Ru-106 ophthalmic plaques and HDR brachytherapy with Ir-192.
- Radiodiagnostic: Quality assurance of radiodiagnostic (CR, DR, CT, CBCT, mono and bi-plane angiographs). Evaluation of doses and Diagnostic Reference Levels. Dosimetric assessments of embryo and fetus exposure in medical exposures using ionizing radiation.
- Nuclear Medicine: Quality Assurance (gammacameras, activimeters). Metabolic Radiation Therapy: 131I, 177Lu and 90Y dosimetry for lesions and Organ At Risk.
- Radiation Protection: Radiation monitor (ionization chamber, dose calibrator, semiconductor detector, scintillation detector…). Internal and External personal Dosimetry. Classification of Workers and Area. Training of exposed worker. Design of ionizing radiation sources sites: project development, first test of the plant, drafting of safety regulations, emergency procedures.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Independent user	Independent user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

Excellent knowledge of: Microsoft Office (Word, Excel, Power Point), IDL, Matlab, Fortran, Labview, Latex, ImageJ, 3D Slicer.

Driving licence

B

ADDITIONAL INFORMATION

Publications

- LONGO M, Pani R, Pellegrini R, Cinti MN, Frantellizzi V, De Vincentis G. Variable tilt-angle, parallel-hole collimation system for highresolution molecular imaging gamma tomosynthesis. Physica Medica (2019), vol. 67, pp. 155–165.
- Villani M F, Grossi A, Cassano B, Pizzoferro M, Ubertini G, LONGO M, Garganese M C. Usefulness of iodine-123 whole-body scan in planning iodine-131 treatment of the differentiated thyroid carcinoma in children and adolescence, Nuclear Medicine Communication (2018), vol. 39 (12), pp. 1121-1128.
- LONGO M, Genovese E, Donatiello S, Cassano B, Insero T, Campoleoni M, Del Vecchio A, Magistrelli A, Tomá P, Cannatá V. Quantification of scatter radiation from radiographic procedures in a neonatal intensive care unit, Pediatric Radiology (2018), vol. 48(5), pp. 715-721.
- LONGO M, Genovese E, Orlandi C, Donatiello S, Cassano B, Colajacomo M, Magistrelli A, Tomá P, Cannatá V. A novel method for CT dosimetry with a suspended phantom setup, Technical Note, Physica Medica (2017), vol. 40, pp. 122-129.

- Cannatá V, Genovese E and LONGO M. Chapter: Radiation Risk in M. C. Garganese and G. F. L. D'Errico (Eds.). Conventional Nuclear Medicine in Pediatrics (2017), pp. 11-16, Springer International Publishing Switzerland.
- Pani R, Pellegrini R, Cinti MN, LONGO M, Donnarumma R, D'Alessio A, Borrazzo C, Pergola A, Ridolfi S, De Vincentis G. Development of a novel gamma probe for detecting radiation direction. Journal of Instrumentation (2016), vol. 11, pp. C01002.
- LONGO M, Marchioni C, Insero T, Donnarumma R, D'Adamo A, Lucatelli P, Fanelli F, Salvatori F M, Cannavale A, Di Castro E. Non-vascular interventional procedures: effective dose to patient and equivalent dose to abdominal organs by means of DICOM images and Monte Carlo simulation. Radiat Prot Dosimetry (2015) 168(4):509-15, ISSN: 1742-3406.
- Pellegrini R, Pani R, Cinti MN, LONGO M, Lo Meo S, Viviano M. Gamma emission tomosynthesis based on an automated slant hole collimation system. Journal of Instrumentation (2015), vol. 10, pp. C03003.
- LONGO M, Rigon L, Lopez F C M, Chen R, Dreossi D, Zanconati F, Longo R. A simplified edge illumination set-up for quantitative phase contrast mammography with synchrotron radiation at clinical doses. Phys Med Biol (2015), 60(3):N21-34.
- Lopez FCM, Rigon L, Fardin L, Arfelli F, Bergamaschi A, Dreossi D, LONGO M, Schmitt B, Vallazza E, Longo R. Comparator threshold settings and the effective pixel width of the PICASSO detector. Journal of Instrumentation (2014), vol. 9; p. C05056.
- LONGO M, Giannini G, Vallazza E, Bari M, Iugovaz D, Orzan G, Reia S, Beorchia A, De Denaro M, Severgnini M, Vidali C, Vidimari R, Piermattei A, Fidanzio A, Mameli A, Borasio P, Ricardi U, Durisi E, Alikaniotis K, Anglesio S, Zanini A, Borla O, Chiari P, Capelli E, Prest M. Autoradiografia neutronica di tessuti polmonari umani irradiati presso e-linac ospedalieri in studi di BNCT. Radiazioni Ricerca e Applicazioni (2009), vol. XII n. 2.

Book of Abstract

- Tonini E, LONGO M, Di Biaso S, Barboni A, Turra A, Longo L, Di Domenico G, Uccelli L, Panareo S, Cittanti C, Santi I, Rambaldi I, Bartolomei M. Personalized OAR dosimetry in patients with NET: preliminary results of a Phase II study. Eur J Nucl Med Mol Imaging (2019) 46 (Suppl 1): S1–S952.
- Cassano B, Genovese E, Polito C, LONGO M, Donatiello S, Napolitano A, Insero T, Valeri S, Pizzoferro M, Serra A, Garganese MC, Cannatà V. Preliminary dosimetric study with177-Lutetium Peptide Receptor Radionuclide Therapy for Pediatric Patients with neuroendocrine tumors. Eur J Nucl Med Mol Imaging (2019) 46 (Suppl 1): S1–S952.
- Tonini E, Di Biaso S, LONGO M, Barboni A, Turra A, Uccelli L, Panareo S, Cittanti C, Bartolomei M. A standardized and simplified dosimetric approach for PRRT in patients with neuroendocrine tumor. Eur J Nucl Med Mol Imaging (2019) 46 (Suppl 1): S1–S952.
- Cassano B, Polito C, Genovese E, LONGO M, Donatiello S, Napolitano A, Insero T, Valeri S, Villani MF, Castellano A, Garganese MC, Cannatà V. Dosimetric analysis and clinical outcome for patient with High-Risk Neuroblastoma administered with high-activity therapy of 131I-mIBG. Eur J Nucl Med Mol Imaging (2019) 46 (Suppl 1): S1–S952.
- LONGO M, Pani R, Pellegrini R, Cinti MN, Frantellizzi V, De Vincentis G. Slant-hole collimation system for high-resolution molecular imaging gamma tomosynthesis. Eur J Nucl Med Mol Imaging (2019) 46 (Suppl 1): S1–S952.
- Polito C, Cassano B, Genovese E, LONGO M, Donatiello S, Insero T, Valeri S, Villani MF, Castellano A, Garganese MC, Cannatà V. Tumor Dosimetry And Radiobiological Study For HighActivity 131I-mIBG Therapy In The Management Of Refractory/Relapsed Neuroblastoma. Eur J Nucl Med Mol Imaging (2019) 46 (Suppl 1): S1–S952.
- Pizzoferro M, Polito C, Cassano B, Villani MF, LONGO M, Genovese E, Castellano A, Grossi A, Garganese MC. Life quality improvement in Pediatric Patients submitted to Radioiodine Therapy for a return to daily life As Fast As Reasonably Achievable. Eur J Nucl Med Mol Imaging (2019) 46 (Suppl 1): S1–S952.
- Pellegrini R, Camera F, Polito C, Falconi R, Bettiol M, LONGO M, De Vincentis G, Indovina L, Pani R, Frantellizzi V. Imaging performance dependence on crystal absorption properties: the CRY018 and CRY019 comparison. 15th Topical Seminar on Innovative Particle and Radiation Detectors (IPRD19).
- Pani R, Pergola A, Bettiol M, LONGO M, Polito C, Falconi R, De Sio L, Pontico M, Pani P, Indovina L, De Vincentis G, Pellegrini R, Frantellizzi V. Characterization of monolithic GAGG:Ce for gamma imaging in Nuclear Medicine. 15th Topical Seminar on Innovative Particle and Radiation Detectors (IPRD19).

- Pellegrini R, Camera F, Polito C, Falconi R, Franciosini G, LONGO M, Bettiol M, Frantellizzi V, De Vincentis G, Pani R. DOI dependence on imaging position and resolution response of a monolithic scintillator with optimal light output. 2019 IEEE Nuclear Science Symposium Conference Record.
- Pani R, Camera F, Pergola A, Polito C, Falconi R, Franciosini G, LONGO M, Bettiol M, Frantellizzi V, De Vincentis G, Indovina L, Pani A. Novel gamma tracker for rapid radiation direction detection for UAV drone use. 2019 IEEE Nuclear Science Symposium Conference Record.
- LONGO M, Cassano B, Genovese E, Donatiello S, Villani M F, Pizzoferro M, Garganese M C, Serra A, Castellano A, Cannatà V. Dosimetry-based tandem high-dose 131I-MIBG therapy for paediatric patients with high risk neuroblastoma. Book of abstracts, Eur J Nucl Med Mol Imaging (2018) 45 (Suppl 1):S1-S884.
- Cassano B, LONGO M, Napolitano A, Genovese E, Donatiello S, Pizzoferro M, Villani M F, Garganese M C, Cannatà V. A knowledge-based model to correct I-131 biokinetics modification due to the administration of rhTSH in paediatric patients affected by differentiated thyroid carcinoma. Book of abstracts, Eur J Nucl Med Mol Imaging (2018) 45 (Suppl 1):S1-S884.
- Cassano B, Napolitano A, LONGO M, Genovese E, Donatiello S, Insero T, Richetta E, Pasquino M, Stasi M, Pacilio M, Cannatá V. A Monte Carlo method to evaluate confidence intervals of time integrated activity curve in molecular radiotherapy, Book of abstracts, Eur J Nucl Med Mol Imaging (2017) 44 (Suppl 2):S119-S956.
- Villani MF, Pizzoferro M, Castellano A, LONGO M, Serra A, Villanucci E, Garganese MC. Manual fused single photon emission tomography/computed tomography in 123IMIBG scintigraphy: a 13 years' experience, Book of abstracts, Eur J Nucl Med Mol Imaging (2017) 44 (Suppl 2):S119-S956.
- Pacilio M, Orlandi C, Cannatá V, Donatiello S, Garganese MC, Genovese E, Lorenzon L, Pizzoferro M, Villani MF, LONGO M. I-131 differentiated thyroid cancer therapy in pediatric patients based on I-123 pre-therapeutic red marrow dosimetry. Book of abstracts. Eur J Nucl Med Mol Imaging (2016) 43 (Suppl 1):S1-S734.
- LONGO M, Altabella L, Bettiol M, Donnarumma R, Orlandi C, Carní M, Di Castro E. GUI software for automatic DQE calculation in digital radiography. Physica Medica. Abstracts of the 9th National Congress of the Associazione Italiana di Fisica Medica (2016), vol. 3, suppl. 1.
- LONGO M, Pellegrini R, Cinti MN, Frantellizzi V, De Vincentis G, Pani R. Gamma tomosynthesis for molecular imaging. Physica Medica. Abstracts of the 9th National Congress of the Associazione Italiana di Fisica Medica (2016), vol. 3, suppl. 1.

Oral communications and poster presentations

- Tonini E, Di Biaso S, LONGO M, Barboni A, Turra A, Uccelli L, Panareo S, Cittanti C, Bartolomei M. A standardized and simplified dosimetric approach for PRRT in patients with neuroendocrine tumor. Oral presentation (OP-224) - EANM19 - Annual Congress of the European Association of Nuclear Medicine. Barcelona, Spain, 12-16 October 2019.
- LONGO M, Pani R, Pellegrini R, Cinti MN, Frantellizzi V, De Vincentis G. Slant-hole collimation system for high-resolution molecular imaging gamma tomosynthesis. Oral presentation (OP-719) - EANM19 - Annual Congress of the European Association of Nuclear Medicine. Barcelona, Spain, 12-16 October 2019.
- LONGO M, Cassano B, Genovese E, Donatiello S, Villani M F, Pizzoferro M, Garganese M C, Serra A, Castellano A, Cannatà V (2018). Dosimetry-based tandem high-dose 131I-MIBG therapy for paediatric patients with high risk neuroblastoma. EANM18 - Annual Congress of the European Association of Nuclear Medicine - Oral presentation. October 13 - 17, 2018 in Düsseldorf/Germany.
- LONGO M, Pani R, Pellegrini R, Cinti M N, Frantellizzi V, De Vincentis G (2018). Variable tilt-angle, parallel-hole collimation system for molecular imaging gamma tomosynthesis. Physica Medica, Abstracts of the 10th National Congress of the Associazione Italiana di Fisica Medica – Oral presentation. April 12-15, 2018 in Bari/Italy.
- Pacilio M, Orlandi C, Cannatá V, Donatiello S, Garganese MC, Genovese E, Lorenzon L, Pizzoferro M, Villani MF, LONGO M (2016). I-131 differentiated thyroid cancer therapy in pediatric patients based on I-123 pre-therapeutic red marrow dosimetry, E-Poster, EANM16 - European Association of Nuclear Medicine. Barcelona, Spain, 15-19 October 2016.
- LONGO M, Altabella L, Bettiol M, Donnarumma R, Orlandi C, Carní M, Di Castro E (2016). Gui software for automatic DQE calculation in digital radiography, Physica Medica, Abstracts of the 9th National Congress of the Associazione Italiana di Fisica Medica - Poster presentation. Perugia, Italy, 25-28 February 2016.
- LONGO M, Pellegrini R, Cinti M N, Frantellizzi V, De Vincentis G, Pani R (2016). Gamma tomosynthesis for molecular imaging, Physica Medica, Abstracts of the 9th National Congress of the Associazione Italiana di Fisica Medica - Poster presentation. Perugia, Italy, 25-28 February

2016.

- Orlandi C, LONGO M, Cinti M N, Pellegrini R, Pani R (2015). NEW LaBr3:Ce GAMMA CAMERA PROTOTYPE FOR NUCLEAR MEDICINE IMAGING IMPROVEMENT. Oral communication and book of abstract in: 9th UK and RI Postgraduate Conference in Biomedical Engineering and Medical Physics - Conference Proceedings. Liverpool, UK, 14-16 July 2015.
- Pani R, Pellegrini R, Cinti M N, LONGO M, Donnarumma R, D'Alessio A, Borrazzo C, Pergola A, Ridolfi S, De Vincentis G (2015). Development of a novel gamma probe for detecting radiation direction. Oral communication and book of abstract in: 17th International Workshop on Radiation Imaging Detectors iWoRID 2015. Hamburg, 28 June - 2 July 2015.
- LONGO M, Rigon L, Chen R, Lopez F C M, Dreossi D, Arelli F, Munro P R T, Olivo A, Longo R (2014). Quantitative phase contrast mammography at clinical doses with synchrotron radiation. Oral communication and book of abstract in: 16th International Workshop on Radiation Imaging Detectors iWoRID 2014. Trieste, Italy, 22-26 June 2014.
- Pani R, Pellegrini R, Cinti M N, LONGO M, Lo Meo S, Viviano M (2014). Gamma emission tomosynthesis based on an automated slant hole collimation system. Poster and book of abstract in: 16th International Workshops on Radiation Imaging Detectors iWoRID 2014. Trieste, Italy, 22-26 June 2014.
- Cannavale A, Fanelli F, Corona M, Lucatelli P, LONGO M, Marchioni C, Insero T, Di Castro E, Salvatori F M (2014). An automatic method for evaluating patient dose in abdominal non-vascular interventional procedures by means of DICOM image headers and Monte Carlo simulation. Poster in: ECR 2014. Vienna, 6-10 March 2014.
- LONGO M, Marchioni C, Insero T, Donnarumma R, Cannavale A, D'Adamo A (2014). Una procedura automatizzata per la valutazione della dose ai pazienti sottoposti a procedure extravascolari di radiologia interventistica tramite immagini DICOM e simulazione Monte Carlo. Oral communication and book of abstract in: Società Italiana di Radiologia Medica 46 Congresso Nazionale Sirm. Firenze, 22-25 May 2014.
- LONGO M, Cinti M N, Lo Meo S, Villani N, Pellegrini R, Pani R (2013). Un rivelatore basato su un innovativo collimatore a fori paralleli per applicazioni in medicina nucleare. Oral communication and book of abstract in: VIII Congresso Nazionale AIFM. Torino, 16-19 November 2013.
- LONGO M, Rigon L, Arfelli F, Lopez F C M, Longo R (2013). Uno studio quantitativo sulle caratteristiche del rivelatore PICASSO per imaging in contrasto di fase con radiazione di sincrotrone. Poster and book of abstract in: VIII Congresso Nazionale AIFM. Torino, 16-19 November 2013.
- Rigon L, Lopez F C, Fadin L, Arfelli F, Bergamaschi A, Dreossi D, LONGO M, Longo R, Schmitt B, Vallazza E, Castelli E (2013). Valutazione degli effetti di charge sharing sulla risoluzione spaziale del rivelatore PICASSO. Book of abstract in: Società Italiana di Fisica - XCIX Congresso Nazionale. Trieste, 23-27 September 2013.
- LONGO M, Rigon L, Arfelli F, Lopez F C M, Munro P R T, Longo R (2013). A Quantitative Study on the Performance of PICASSO Detector in Phase Contrast Imaging with Synchrotron Radiation. Oral communication and book of abstract in: 7th UK and RI Postgraduate Conference in Biomedical Engineering and Medical Physics - Refereed Conference Proceedings. Guildford, Surrey, UK, 9-11 July 2013.
- Lopez F C, Rigon L, Fadin L, Arfelli F, Bergamaschi A, Dreossi D, LONGO M, Schmitt B, Vallazza E, Castelli E, Longo R (2013). Comparator threshold settings and the effective pixel size of the PICASSO detector. In: 15th International Workshops on Radiation Imaging Detectors - Refereed Conference Proceedings. Paris, France, 23- 27 June 2013.
- Lopez F C, Rigon L, Arfelli F, Bergamaschi A, Chen R C, Dreossi D, LONGO M, Schmitt B, Vallazza E, Castelli E, Longo R (2012). The PICASSO detector at the clinical mammography facility of the SYRMEP beamline: preliminary results. In: 7th Medical Applications of Synchrotron Radiation workshop (MASR 2012) - Book of Abstracts. Shanghai Synchrotron Radiation Facility (SSRF), 17-20 October 2012.
- LONGO M, Rigon L, Arfelli F, Chen R C, Lopez F C, Olivo A, Munro P, Longo R (2012). A quantitative study of coded-aperture based X-ray Phase Contrast imaging with synchrotron radiation. In: 5th AAMP Meeting (Alpe-Adria Medical Physics Meeting) - Book of Abstracts. Trieste, 3-5 May 2012.

Conferences

- EANM19 - Annual Congress of the European Association of Nuclear Medicine, Barcelona, Spain (12-16 October 2019).
- EANM18 - Annual Congress of the European Association of Nuclear Medicine, Düsseldorf,

Germania (13-17 October 2018).

- X Congresso Nazionale AIFM, Bari (12-15 April 2018).
- EANM16 - Annual Congress of the European Association of Nuclear Medicine, Barcelona, Spain (15-19 October 2016).
- IX Congresso Nazionale AIFM, Perugia (25-28 February 2016).
- PGBiomed 2015 conference, Liverpool, United Kingdom (14-16 July 2015).
- 17th International Workshop on Radiation Imaging Detectors iWoRID 2015. Hamburg (28 June - 2 July 2015).
- 16th International Workshop on Radiation Imaging Detectors iWoRID 2014. Trieste (22-26 June 2014).
- VIII Congresso Nazionale AIFM, Torino (16-19 November 2013).
- XCIX Congresso Nazionale della Società Italiana di Fisica, Trieste (23-27 September 2013).
- PGBiomed 2013 conference, Guildford, Surrey, United Kingdom (9-11 July 2013).

Courses

- Corso Diagnosi e terapia metabolica e funzionale in oncologia. Stato dell'arte e futuro nella regione Veneto, Padova (24 May 2019).
- Corso AIFM L'esperto responsabile della sicurezza in RM, Roma (22-24 November 2018).
- Corso AIFM Co-registrazione di immagini deformabile in radioterapia: metodi, assicurazione di qualità ed applicazioni cliniche, Napoli (14 June 2018).
- ESTRO Masterclass in RT Physics, Firenze (10-13 September 2017).
- Corso AIFM Scientific writing, Napoli (17 March 2017).
- Corso AIFM Dosimetria interna in terapia medico nucleare: evidenze di correlazione tra indicatori dosimetrici ed effetti radiobiologici, Roma (16-17 Febbruary 2017).
- Joint ICTP-IAEA Workshop on Internal Dosimetry for Medical Physicists Specializing, ICTP, Trieste (21-25 November 2016).
- Convegno Presentazione del documento: indicazioni operative per l'ottimizzazione della radioprotezione nelle procedure di radiologia intervetistica, Roma (14 June 2016).
- Corso dell'Associazione Italiana di Fisica Medica Sistemi per il monitoraggio degli indicatori dosimetrici, Milano (27 October 2015).
- Corso dell'Associazione Italiana di Fisica Medica Secondo incontro sulla ricerca in fisica medica, Roma (30 September 2015).
- Corso della Scuola Superiore di Fisica in Medicina P. Caldirola Sicurezza e qualità nella moderna radioterapia, Roma (28-29 September 2015).
- Corso itinerante teorico pratico sulla radioterapia intraoperatoria, Roma (19 June 2015).
- Corso della Scuola Superiore di Fisica in Medicina P. Caldirola La gestione del dato dosimetrico nelle esposizioni mediche, Roma (28 May 2015).
- Corso dell'Associazione Italiana di Fisica Medica Imaging quantitativo SPECT e PET per dosimetria a livello di voxel in terapia medico nucleare, Roma (26-27 Febbruary 2015).
- Seminario Observer performance assessment of medical imaging systems, Roma (9 September 2014).
- Corso della Scuola Superiore di Fisica in Medicina P. Caldirola Le esposizioni mediche nella direttiva EURATOM 59/2013, Roma (19 June 2014).
- Corso dell'Associazione Italiana di Fisica Medica Controlli di qualità in radioterapia con fasci esterni: stato dell'arte, criticità e nuove metodiche, Policlinico A. Gemelli, Roma (27 May 2013).
- Corso Valutazione del rischio da radiazioni laser in ambito sanitario, industriale e di ricerca, Siena (22-22 January 2013).
- Convegno nazionale: Radiazioni e reazioni tissutali avverse: l'esposizione del cristallino, Roma, 26-27 October 2012.
- Evento formativo: Primo incontro AIFM sulla ricerca in Fisica Medica nelle Università e negli enti pubblici di ricerca, Roma, 8 October 2012.
- Joint ICTP-IAEA Advanced Course on Mammography, ICTP, Trieste (3-7 October 2011).
- Seminario di Discussione Sorgenti di neutroni e loro applicazioni in ambito INFN, Laboratori

Nazionali di Legnaro dell'INFN (17-18-19 November 2009).

Memberships

- Member of Italian Association of Medical Physics (AIFM) since 2012.
- Member of Società Italiana di Fisica (SIF) from 2011 to 2013.

Working Group

06/2016 to present - Member of the working group of the Italian Association of Medical Physics. Web forum on Ionizing Radiation, pregnant women and childrens.

Honours and awards

- First place in Admission Procedure for the PhD Program in Morphogenesis & Tissue Engineering "Sapienza" University of Rome.
- Competition winner of the OPBG Progetto Buone Pratiche. Project: Voglio giocare con te … dalla degenza protetta alla normale vita quotidiana: un più rapido rientro sulla base dei dati del protocollo dosimetrico.
- Competition winner of the AIFM selction for partecipating to ESTRO Physics Research Masterclass 2017. Project "I-131 treatment in children and adolescents affected by differentiated thyroid cancer: benefit of forward-dosimetric approach in achieving the adequate balance between response and toxicity".
- First place in Admission Procedure for the Post graduate School of Medical Physics "Sapienza" University of Rome.
- Competition winner of the selction of Collegio delle Scienze Luciano Fonda (2006-2011).

In compliance with the Italian Legislative Decree no. 196 dated 30 June 2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree.