



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Antonio De Simone**

Address(es)

Telephone(s)

Mobile:

Fax(es)

E-mail

Nationality

Date of birth

Gender

Desired employment / Occupational field

Medical Physics/Radiation Physics/Dosimetry

Work experience

Dates From 12/2018 to nowadays

Occupation or position held medical physicist with exclusive relationship.

Main activities and responsibilities Radiotherapy treatment planning, Varian HyperArc planning, MRI Linac planning, Brain SRS planning, lung SBRT planning, liver SBRT planning, prostate SBRT planning, breath hold breast cancer planning, radiation dosimetry, quality assurance, VMAT plan verification on medical accelerators and Unity MRI Linac.

Name and address of employer IRCSS Sacro Cuore Hospital Negrar – Radiotherapy Dept.

Dates From 12/2012 to 12/2018

Occupation or position held medical physicist with exclusive relationship

Main activities and responsibilities Radiotherapy treatment planning, radiation dosimetry on medical accelerators.

Name and address of employer Legnago Hospital Verona– Radiotherapy Dept.

Type of business or sector Healthcare

Dates From 7/2006 to 12/2012

Occupation or position held medical physicist with exclusive relationship

Main activities and responsibilities Gamma Knife treatment planning, radiation dosimetry on Gamma Knife and medical accelerators. Model development by Monte Carlo simulation

Name and address of employer Verona Hospital – stereo tactic neurosurgery, Gamma Knife centre

Type of business or sector Healthcare

Education and training

Dates 5/2017
 Title of qualification awarded Qualified Expert in Radiation Protection
 Principal subjects/occupational skills covered radiation protection, occupational health and quality management
 Name and type of organisation providing education and training Ministero del Lavoro
 Level in national or international classification III degree

Dates 3/2006 – 9/2009
 Title of qualification awarded Expert in Medical Physics
 Principal subjects/occupational skills covered All the field covered in radiation therapy, external and internal, like dosimetry, treatment planning and treatment verification. QA in radiology, advanced imaging processing in CT/NMR/PET and basis of radiobiology.
 Name and type of organisation providing education and training Sacro Cuore Catholic University Rome – Agostino Gemelli Hospital
 Level in national or international classification Post graduate specialization school

Title of the Thesis MONTECARLO SIMULATION OF THE EPID RESPONSE IN IMRT TREATMENT VERIFICATION

Dates 3/2004 – 7/2005
 Title of qualification awarded IAEA international II level Master
 Principal subjects/occupational skills covered Dosimetry in radiation physics, problems of radio protection involved in nuclear plant and study of advanced hadron therapy with neutron
 Name and type of organisation providing education and training I.U.S.S. Pavia
 Level in national or international classification Post graduate Master

Title of the Thesis DEVELOP OF AN ALGORITHM FOR AUTOMATIC RECOGNITION OF LEFT VENTRICLE IN CARDIAC PET-GATING

Dates 11/1993 – 10/2003
 Title of qualification awarded Italian university degree
 Principal subjects/occupational skills covered Magisterial bachelor of Applied Physics
 Name and type of organisation providing education and training University of Pisa
 Level in national or international classification Bachelor + Master

Title of the Thesis STUDY AND ANALYSIS OF THE DYNAMIC OF THE LEFT VENTRICLE BY NMR/TAGGING TECHNIQUES

Other language(s) English

Self-assessment
 European level (*)

Language

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
medium	high	medium	medium	medium

Social skills and competences ABILITY TO LIVE AND TO WORK IN GROUP, ACQUIRED IN YEARS OF WORKING EXPERIENCE BOTH IN PUBLIC AND PRIVATE

Organisational skills and competences ABILITY TO ORGANIZE THE TEAM PAYING ATTENTION IN MANAGE DIFFERENT SKILLS TO GET RESULTS

Technical and computer skills and competences

THOROUGH KNOWLEDGE OF COMPUTERS, WITH SPECIFIC EXPERTISE IN RELATIONAL DATABASES (ACCESS, MYSQL), PROGRAMMING LANGUAGES (C + +, C#, JAVA), SCRIPTING LANGUAGE (PINNACLE3), IDES (NETBEANS, VISUAL STUDIO), SCIENTIFIC SUITES (MATLAB, ROOT, STATA), OPERATING SYSTEMS (WINDOWS, LINUX, SOLARIS, UNIX) AND PRODUCTION ENVIRONMENTS (MS OFFICE, OPENOFFICE).

6 YEARS OF EXPERIENCE IN MANAGING PINNACLE3 TPS AND MOSAIQ (R&V). 3 YEARS OF EXPERIENCE IN MANAGING ECLIPSE TPS, MONACO TPS AND ETHOS TPS.

YEARS OF EXPERIENCE IN THE DEVELOPMENT OF MONTE CARLO SIMULATIONS WITH THE GEANT4 PACKAGE.

TECHNICAL SKILLS IN QUALITY ASSURANCE ON HIGH-TECH MEDICAL EQUIPMENT: GAMMAKNIFE, MEDLINAC, CT SIMULATOR AND MAGNETIC RESONANCE

Driving licence

B driving licence

DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE (art. 46 e 47 D.P.R. 445/2000)

Il/La sottoscritto/a Antonio De Simone,

ai sensi e per gli effetti degli articoli 46 e 47 e consapevole delle sanzioni penali previste dall'articolo 76 del D.P.R. 28 dicembre 2000, n. 445 nelle ipotesi di falsità in atti e dichiarazioni mendaci, dichiara che le informazioni riportate nel presente curriculum vitae, redatto in formato europeo, corrispondono a verità.

Luogo e data

Firma

Verona 5/02/2022
