

## CV



### PERSONAL INFORMATION

Name **SANTUARI DANILO**  
Address **VIA VITTORIO BERSEZIO, 10 – 12100 CUNEO (CN, ITALY)**  
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Nationality Italian  
Date of Birth 26/11/1963  
Gender male

### WORK EXPERIENCE

1993, IN PROGRESS, HEALTH PHYSICS, QUALIFIED EXPERT – FREELANCER, CONSULTANT –  
1999-2004, PHYSIC AT S.ANNA E REGINA MARGHERITA HOSPITAL (TO, ITALY)  
1995 – 1999, HIGH SCHOOL AND UNIVERSITY TEACHER  
1990-1994, PHYSIC AT S. CROCE HOSPITAL (CN, ITALY)  
1984-1990, FILATURA VALVARAITA S.P.A. (TEXTILE FACTORY, SAFETY MANAGER)

### EDUCATION AND TRAINING

- HEALTH PHYSICS MASTER (SFMN, 2000-2004. TURIN UNIVERSITY)
- PHYSICS DEGREE (SFMN, 1987-1992 TURIN UNIVERSITY)
- QUALIFIED EXPERT GRADE III (THIRD), NUMBER 457;
- ENABLED TO THE MANAGEMENT OF INSTALLATIONS OF MAGNETIC RESONANCE IMAGING (HIGH SCHOOL FOR THE DEVELOPMENT OF HUMAN RESOURCES, SCIENTIFIC INSTITUTE SAN RAFFAELE, MILAN, ITALY - JUNE 1997);
- CONSULTANT FOR THE PROGRAM OF "CONTINUING EDUCATION OF DIAGNOSTIC IMAGING", UNIVERSITY OF TURIN, SPECIALIZING IN VETERINARY RADIOLOGY 1999;
- REGISTERED IN THE LIST OF NAMES OF CIVILIAN ADVISORS AT THE COURT OF CUNEO (ITALY), NUMBER 31;
- MEMBER OF GER (NUCLEAR AND RADIOLOGICAL EMERGENCY GROUP);
- MEMBER OF THE ASSOCIATION OF PHYSICS IN MEDICINE (AIFM);
- MEMBER OF NATIONAL ASSOCIATION OF PROFESSIONAL QUALIFIED EXPERTS SINCE 1995 (ANPEQ);
- ALREADY MEMBER OF THE ITALIAN ASSOCIATION FOR RADIATION PROTECTION (AIRP);

### PERSONAL SKILLS AND COMPETENCES

**RADIATION SAFETY, HEALTH AND MEDICAL PHYSICS**

**RADIOLOGY, TAC, NUCLEAR MEDICIN AND PET PROJECTS**

**HIGH ENERGY LINAC FACILITIES PROJECTS (6-18 MV)**

**MRI**

**MANAGEMENT OF SEALED RADIOACTIVE SOURCES, DISPOSAL SOURCES AND / OR RADIOACTIVE WASTE, CND SYSTEMS, INDUSTRIAL RADIOLOGY, ENVIRONMENTAL AND SPECTROMETRY ON SAMPLES OF MATERIAL, NORM, RADON ANALYSIS**

**D & WM , SURVEILLANCE AND RADIOPROTECTION AT NPP (EXTERNAL CONSULTANT FOR COMPANIES)**

**MOTHER TONGUE** - ITALIAN  
**OTHER LANGUAGE** - ENGLISH

**ORGANISATIONAL SKILLS AND COMPETENCES** Working in groups.  
Set up a direct contact with management, designers and workers to manage with competence and promptness every stage of design and intervention.  
Be continuously present on site to set up a relationship of trust with all employees.

**TECHNICAL SKILLS AND COMPETENCES** VB, C, C++, HTML, ACCESS DB  
MEDICAL TPS – VARIAN, NUCLETRON  
OFFICE, OPEN OFFICE  
SKETCHUP, AUTOCAD  
MATLAB, IMAGEJ  
VISIPLAN, HOT SPOT, GENII, MICROSHIELD

**ARTISTIC SKILLS AND COMPETENCES** ACOUSTIC AND ELECTRIC GUITAR  
B&W PHOTOGRAPHY  
COOKING

SPORTS: MTB-DH, SKIING

- PUBLICATIONS AND SCIENTIFIC REPORTS**
- **D. Santuari**, I. Riccardi, S. Ruffino “*Patient dosimetry in X-Ray diagnostic*” 4<sup>th</sup> European Congress dental and Maxillofacial Radiology, Torino, 10-13 June 1993, atti pubblicati, pp 44;
  - E. Trevisiol, S. Gribaudo, E. Madon, U. Monetti, A. Mussano, **D. Santuari**, A. Sardo, R. Milani, A. Urgesi “*Assicurazione di qualità nel trattamento della mammella*”, XII Convegno Regionale AIRO Piemonte, atti pubblicati, pp 40-43, Ivrea, 23-24 maggio 2003;
  - S. Amerio, A. Boriani, F. Bournhaleb, R. Cirio, M. Donetti, A. Fidanzio, E. Garelli, **D. Santuari**, A. Sardo, “*Confronto tra sistemi di verifica 2D per IMRT*”, III Congresso Nazionale AIFM, atti pp 235-238, Agrigento, 27 giugno 2007;
  - R. Anselmi, R. Cirio, M. Donetti, M. Duglio, **D. Santuari** ... “*Procedure di commissioning per sistema di calcolo della distribuzione delle dose in trattamenti con archi dinamici conformati e modulazione di intensità*”, III Congresso Nazionale AIFM, atti pp 235-238, Agrigento, 27 giugno 2007;
  - R. Anselmi, R. Cirio, M. Donetti, M. Duglio, S. Giordanengo, E. Madon, F. Marchetto, R. Pellegrini, C. Peroni, **D. Santuari**, A. Sardo “*2D and 3D Dosimetry of Hadron and proton Beams with the Magic Cube and the Pixel Ionization Chamber*”, World Congress on Medical Physical and Biomedical Engineering – International Workshop on Micro-Mini Dosimeters, Sydney 24-29 aug 2003, atti pubblicati pp 112;
  - S. Amerio, A. Boriani, T. Bortfeld, F. Bourhaleb, V. Breev, C. Brusasco, R. Cirio, G.A.P. Cirrone, G. Cottoni, **D. Santuari** ... “*Mopi, un esperimento per lo sviluppo di camere a ionizzazione multianodo per la dosimetria e monitor di Radioterapia IMRT e Adroterapia*” LXXXIX Congresso Nazionale della Società Italiana di Fisica, sezione 4b, Parma 17-22 sett 2003, atti pubblicati;
  - R. Cirio, M. Donetti, S. Giordanengo, E. Madon, U. Nastasi, **D. Santuari**, A. Sardo, G. Scielzo, M. Stasi, E. Trevisiol; “*First clinical results for DMLC and IMRT verification with 2D pixel ionization chamber*”, Radioterapy and Oncology vol 68, pag S37, Ginevra 15-18 sept 2003;
  - A. Sardo, A. Urgesi, E. Madon, E. Trevisiol, **D. Santuari**, R. Cirio ... “*Validation of a dynamic and weight modulated technique for breast quadrant irradiation using a  $\mu$ DMLC collimator*”; Radioterapy and Oncology vol 68, pag S37, Ginevra 15-18 sept 2003;

- A. Madon, V Richetto, A. Sardo, E. Trevisiol, **D. Santuari** ... "Use of computed radiography (CR) in radiotherapy", XXIII ASTRO Meeting, atti pubblicati, S 456-457, Amsterdam 25-28 oct 2004
- S. Gribaudo, U. Monetti, A. Mussano, E. Madon, A. Sardo, **D. Santuari**, E. Trevisiol, A. Urgesi "External Beam radiotherapy and HDR brachytherapy in carcinoma of the cervix", XXIII ASTRO Meeting, atti pubblicati, S 456-457, Amsterdam 25-28 oct 2004;
- R. Cirio, R. Schulte, S. Amerio, A. Boriano, F. Bourhaleb, G. Contrakon, Donetti, S. Giordanengo, **D. Santuari**, ... "Two-dimensional and quasi-three-dimensional dosimetry of hadron and photon beams with the magic Cube and the Pixel Ionization Chamber", Phys. Med. Biol. 49 (2204); 3713-3724
- Bertoni, Brunetti, Pozzi, Alfani, Citi, Crovace, ..., **Santuari** "Manuale di radiologia veterinaria", Idelson Gnocchi editore, ISBN 88-7947-410-3, edizione 2005

**Dr. Danilo Santuari**  
FISICO SPECIALISTA  
ESPERTO QUALIFICATO DI GRADO TERZO

