

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name Lo Bosco Alessia
Nationality Italian

WORK EXPERIENCE

- | | |
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| <ul style="list-style-type: none">• Dates (from – to)• Name and address of employer• Type of business or sector | <p>September 2019
Education
School manager: pedagogical-didact training with experiences and research-action: school regulations, educational guidance, didactic and digital innovation procession</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Name and address of employer• Type of business or sector | <p>September 2013
Education
Teaching</p> |
| <ul style="list-style-type: none">• Occupation or position held• Main activities and responsibilities | <p>Mathematics, Statistic and Physics Teacher (in Italian)
October 2015: Mathematics, Statistic and Physics Teacher (in English)</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Name and address of employer• Type of business or sector | <p>October 2010 – August 2013
ASL RMH
Medical Physic</p> |
| <ul style="list-style-type: none">• Occupation or position held• Main activities and responsibilities | <p>Radiation protection</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Name and address of employer• Type of business or sector | <p>May 2006 - September 2010
Azienda Universitaria Policlinico Umberto I, Rome
Medical Physic</p> |
| <ul style="list-style-type: none">• Occupation or position held• Main activities and responsibilities | <p>Applied Medical Physics in Radiotherapy, Radiology and Quality Assurance</p> |

EDUCATION AND TRAINING

- Dates (from – to) October 2008 – April 2011
- Name and type of organization providing education and training University of Rome Tor Vergata
- Principal subjects/occupational Characterization and calibration of a new system based on MOSFET technology, for in vivo dosimetry application

- skills covered
- Title of qualification awarded
 - Level in national classification
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- Dates (from – to)
- Name and type of organization providing education and training
 - Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification

PhD in Physic

November 2005 - June 2006
 SSIS Lazio, University of Rome, "Roma Tre"

High School Teaching in Physics and Mathematics

Physic and Mathematics

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded
- Level in national classification

January 2003 – April 2005
 University of Rome La Sapienza

Validazione di un sistema di dosimetria in vivo in trattamenti radioterapici di Total Body Irradiation (T.B.I.)

Medical Physic

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded
- Level in national classification (if appropriate)

October 1997 - May 2002
 University of Rome La Sapienza

Studio XANES con analisi quantitativa di stati di non equilibrio della Mioglobina

Physic degree

MOTHER TONGUE

Italian

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH, FRANCE
 FIRST Certificate of Cambridge
 FIRST Certificate of Cambridge
 FIRST Certificate of Cambridge

OTHER SKILLS AND COMPETENCES

A.A. 2012/2013 teaching of "Applied Medical Physics" Degree course of speech therapy "B", University of Rome "La Sapienza", Ariccia

A.A. 2012/2013 teaching of "Applied Medical Physics" Degree course of physiotherapy "E", University of Rome "La Sapienza", Ariccia.

A.A. 2012/2013 teaching of "Physics" Degree course of nursing", Anzio, University of Rome "La Sapienza", I Facoltà di Medicina e Chirurgia

A.A. 2011/2012 teaching of "Applied Medical Physics" Degree course of speech therapy "B", University of Rome "La Sapienza", Ariccia

A.A. 2011/2012 teaching of "Applied Medical Physics" Degree course of

physiotherapy “E”, University of Rome “La Sapienza”, Ariccia.

A.A. 2011/2012 teaching of “Physics” Degree course of nursing”, Anzio, University of Rome “La Sapienza”, I Facoltà di Medicina e Chirurgia

A.A. 2010/2011 teaching of “Applied Medical Physics” Degree course of speech therapy “B”, University of Rome “La Sapienza”, Ariccia

A.A. 2010/2011 teaching of “Applied Medical Physics” Degree course of physiotherapy “E”, University of Rome “La Sapienza”, Ariccia.

A.A. 2010/2011 teaching of “Physics” Degree course of nursing N”, Bracciano, University of Rome “La Sapienza”, I Facoltà di Medicina e Chirurgia

2009/2010 teaching of “Physics” Degree course of audiometric techniques , University of Rome “La Sapienza”

2009/2010 teaching of “Physics” Degree course of nursing N, Bracciano, University of Rome “La Sapienza”

2009/2010 teaching of “Applied Physics” Degree course “medical radiology” II year II sem. University of Rome “La Sapienza”, I Facoltà di Medicina

A.A. 2007/2008 teaching “Applied Physics” Degree course in prevention techniques in the environments and in the workplace, University of Rome La Sapienza, I Facoltà di Medicina.

A.A.2006/2007 teaching “*Irradiazione corporea totale e dosimetria in vivo*” in Radiotherapy teaching, IV year Specialization school in medical physics University of Rome Tor Vergata.

A.A.2005/2006 teaching “*Irradiazione corporea totale e dosimetria in vivo*” in Radiotherapy teaching, IV year Specialization school in medical physics University of Rome Tor Vergata.

DRIVING LICENCE(S)

B

ADDITIONAL INFORMATION

Member of AIFM from 2006, ANPEQ from 2008, ANFeA from 2010

ANNEXES

1. *“Analysis and risk management in radiotherapy”* T. Parretta, S. Del Bufalo, I. De Filippi, A. Russo, A. Lo Bosco, Atti XXII Congresso Nazionale AIRO, P178 (2012)
2. *“People make healthcare”* B. Andreotti, I. Chiofalo, B. Rendina, T. Parretta, I. De Filippi, S. Del Bufalo, A. Russo, A. Lo Bosco, Atti XXII Congresso Nazionale AIRO, P186 (2012)
3. *“Multidisciplinary treatment of metastatic patient”* T. Parretta, S. Del Bufalo, I. De Filippi, A. Russo, A. Lo Bosco, Atti XXII Congresso Nazionale AIRO, P222 (2012)
4. *“Ruolo del trattamento multidisciplinare nelle metastasi ossee”*, I. De Filippi, S. Del Bufalo, T. Parretta, A. Russo e A. Lo Bosco, XXI Congresso Nazionale A.I.R.O., Genova, 19-22 Novembre 2011
5. *“Determinazione dei fattori di correzione nel range dei kilovolt del sistema OneDoseTM”*, A. Lo Bosco, M.D. Falco, G. Rinaldi, L. Strigari, M. D’Andrea, F. Quagliani and R. Santoni, VII National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
6. *“Interconfronto del sistema OneDoseTM basato su tecnologia MOSFET e pellicole Gafchromiche XR QA in campo radiologico”*, M.D. Falco, A. Lo Bosco, G. Rinaldi, L. Strigari, M. D’Andrea, F. Quagliani, M. Rebuzzi and R. Santoni, VII National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
7. *“Studio dosimetrico” in vivo” dell’intra-fraction motion in pazienti affetti da carcinoma mammario e prostatico usando il sistema OneDosePlusTM”*, M.D. Falco, M. D’Andrea, A. Lo Bosco, M. Rebuzzi, E. Ponti, B. Tolu and R. Santoni, VII National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
8. *“Progettazione di una piattaforma e-learning per la formazione e l’aggiornamento del personale nella vasta area territoriale dell’ASL RM/H”*, A. Lo Bosco, M. Cristianini and A. Mattacchioni, At. VII National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
9. *“Applicazione preliminare del protocollo AAPM-TG18: l’esperienza dell’ASL RM/H nell’ultimo anno”*, A. Lo Bosco, M. Cristianini and A. Mattacchioni, At. VII National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
10. *“Studio di adattabilità dei fantocci digitali per controlli di qualità dei sistemi PACS ai monitor medicali”*, A. Mattacchioni, M. Cristianini and A. Lo Bosco, VII National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
11. *“Valutazione della dose in procedure di Intervetistica Radiologica Urologica”*, A. Mattacchioni, G. Battista, M. Cristianini and A. Lo Bosco, At. VII National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
12. *“Analisi tecnico-giuridica della conformità dei parametri di rateo di assorbimento specifico e campi magnetici variabili nel tempo delle apparecchiature a Risonanza Magnetica installate in Italia”*, A. Mattacchioni, M. Cristianini and A. Lo Bosco, VII

- National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
13. “*Analisi dell’influenza delle condizioni ambientali sui risultati dei Controlli di Qualità su monitor primari ad alta risoluzione*”, A. Lo Bosco, M. Vittoria Maffey, M. Cristianini, A. Mattacchioni, VII National Congress « Associazione Italiana Fisica Medica » (AIFM), 13-16 /09/2011, Squillace (CZ)
 14. “*Dosimetric comparison of the OneDose™ MOSFET System and Gafchromic XR Type QA in radiological energy range*” 11th Biennal ESTRO Conference on Physics and Radiation technology for Clinical Radiotherapy, Londra, 8-12/05/2011
 15. “*Determination of correction factors in kilovoltage energy range of the OneDose™ System*” 11th Biennal ESTRO Conference on Physics and Radiation technology for Clinical Radiotherapy, Londra, 8-12/05/2011
 16. “*Characterization of new MOSFET dosimeter in megavoltage and kilovoltage energy range using a commercial TPS and preliminary in vivo results*” ESTRO 29 Barcellona 12-16/09/2010 A. Lo Bosco
 17. “*Implementazione di un nuovo sistema One Dose Plus basato su tecnologia MOSFET per dosimetria in vivo di fasci di fotoni ad elevata energia*” VI National Congress « Associazione Italiana Fisica Medica » (AIFM), Reggio Emilia, 16-19/09/2009.
 18. “*Dosimetria in vivo in trattamenti TBI. Validazione di un metodo per la determinazione della dose in presenza di disomogeneità*” Pantelleria, *II Forum Mediterraneo di Fisica Medica*”, 18-22/09/2006.
 19. “*Water dissociation and heme relaxation in photo-reduced aquomet-myoglobin probed by temperature dependent XANES*” al convegno “*Bio SR 2003*” Nuclear Physic Laboratory INFN of Frascati, Rome, 27/02/2003 – 01/03/2003.
 20. “*Water dissociation and heme relaxation in photo-reduced aquomet-myoglobin*”, “*INFM Meeting*” Bari, June 2002.

Rome, 03/09/23

Dott.ssa Alessia Lo Bosco

