

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name

Ravaglia Valentina

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer

01/06/2018-today
AUSL Romagna (Ravenna, Italy)

- Dates (from – to)
- Name and address of employer

From 01/06/17 to 31/05/2018
IRST (Meldola (FC), Italy)

- Dates (from – to)
- Name and address of employer

From 01/03/2010 to 31/05/2017
USL Toscana Nord Ovest (Lucca, Italy)

- Dates (from – to)
- Name and address of employer

From 01/08/2008 to 28/2/2010
Referenzzentrum Mammographie Berlin (Berlin, Deutschland)

- Dates (from – to)
- Name and address of employer

From 01/05/2006 to 31/07/2007
ISPO (Florence, Italy)

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded
- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded

From February 2005 to 06/06/2008
University of Florence

Medical Physics (radiotherapy, nuclear medicine, radiology, radioprotection)

Medical Physics Expert (MPE) (PhD)
From September 1999 to 17/12/2004
University of Bologna

Master Degree in Physics

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN

ENGLISH
GERMAN

DRIVING LICENCE(S)

B

PUBLICATIONS

Book

- R. E. van Engen et Al. "EFOMP protocol: Quality control in digital breast tomosynthesis" (2023)

Peer-reviewed journal articles

- Ravaglia V., et Al., "A straightforward method for assessing the technical image quality of reconstructed and synthetic 2D images for Digital breast tomosynthesis systems", *Physica Medica*, 130, 104907 (2025)
- Moulakis C. et Al., "Planning Benchmark Study for Stereotactic Body Radiation Therapy of Pancreas Carcinomas with Simultaneously Integrated Boost and Protection: Results of the DEGRO/DGMP Working Group on Stereotactic Radiation Therapy and Radiosurgery", *Int J Radiat Oncol Biol Phys.* S0360-3016(24)03315-7
- Ghetti C., et Al., "Physical and dosimetric characterisation of different Contrast-Enhanced digital mammographic systems: A multicentric study", *Physica Medica*, 120, 103334 (2024)
- Dalmonte S., et Al., "Typical values of z-resolution for different Digital Breast Tomosynthesis systems evaluated in a multicenter study", *Physica Medica*, 119, 103300 (2024)
- Savini A, et Al., "The Role of Acquisition Angle in Digital Breast Tomosynthesis: A Texture Analysis Study", *Appl. Sci.*, 10, 6047 (2020)
- Paoluzzi, A. Losa, V. Cerboneschi, C. Colosimo, N. Fontana, P. Mangili, M. Mignogna, L. Nava, V. Ravaglia, "Prostate-specific antigen percentage: An early predictive tool after iodine-125 interstitial brachytherapy for prostate cancer", *Brachytherapy*, 16(5):1000–1006 (2017)
- Fellin et Al., "Low dose rate brachytherapy (LDR-BT) as monotherapy for early stage prostate cancer in Italy: practice and outcome analysis in a series of 2237 patients from 11 institutions", *Br J Radiol.* Sep;89(1065), (2016)
- R. Bouwman, K. Young, B. Lazzari, V. Ravaglia, et Al. "An alternative method for noise analysis using pixel variance as part of quality control procedures on digital mammography systems.", *Phys Med Biol.*, Nov 21;54(22):6809-22 (2009)

Abstract e proceedings

- V. Ravaglia et Al., "Typical values for different digital tomosynthesis systems evaluated in a multicenter study", *Physica Medica*, 115S1, 102843 (2023)
- R. Villa et Al., "Detectability index to standardise CT optimization: a multicenter study", *Physica Medica*, 115S1, 102741 (2023)
- N. Paruccini et Al., "An absolute index of noise for image quality assessment in 2D mammography and breast tomosynthesis: a multicentric study", *Physica Medica*, 115S1, 102743 (2023)
- S. Dalmonte et Al., "Typical values for z-resolution of different digital tomosynthesis systems evaluated in a multicenter study", *Physica Medica*, 115S1, 102745 (2023)
- M. Bertolini et Al., "How to evaluate the low contrast detectability performance of angiography systems using a Channelized Hotelling Observer (CHO): an AIFM multicentric study", *Physica Medica*, 115S1, 102731 (2023)
- G. Venturi et Al., "Follow up of high radiation dose cases in interventional procedures: a first analysis at S. Maria delle Croci hospital", *Physica Medica*, 115S1, 103036 (2023)
- V. Ravaglia, C. Cecchelli, S. Farnedi, D. Palmarini, N. Pannacci, N. Scrittori, G. Venturi, "Dose optimization in percutaneous endovascular embolization of male varicocele", *Physica Medica*, Volume 104, Supplement, S9 (2022)
- V. Ravaglia, C. Dengo, S. Farnedi, E. Giampalma, N. Scrittori, G. Venturi, "Dose reduction in multiphase contrast enhanced thorax-abdomen clinical CT protocol using novel True Fidelity reconstruction algorithm", *Physica Medica*, Volume 104, Supplement, S84 (2022)
- G. Venturi, E. Giampalma, A. Vizzuso, S. Farnedi, V. Ravaglia, N. Scrittori, "Patient dose in prostatic artery embolization: state of art at Morgagni Pierantoni hospital", *Physica Medica*, Volume 104, Supplement, S84-S85 (2022)

TEACHING AND INVITED LECTURES

- Gisma Academy, Sardegna, 11/10/2024
- "Radiologia e radioprotezione del paziente", Scuola di specializzazione di Fisica Medica, University of Tor Vergata (Rome), academic year 2023/24, 10 hours
- "Dalla diagnostica alla radioterapia del carcinoma mammario: stato dell'arte e nuovi scenari", Firenze, 19/02/2024
- "Software per mammografia", Scuola Caldirola "Software certificati per l'analisi di immagini nella pratica clinica: attività del fisico medico", Bergamo, 09/11/2023
- "Radiologia e radioprotezione del paziente", Scuola di specializzazione di Fisica Medica, University of Tor Vergata (Rome), academic year 2022/23, 10 hours
- "Stato dell'arte delle tecniche mammografiche", invited lecture AIFM 2023, Florence, 09/06/2023
- "Assicurazione di qualità in mammografia 2D e Tomosintesi", Scuola Caldirola "Fisica Medica in Radiologia Diagnostica e interventistica: dosimetria e assicurazione di qualità", Napoli, 08/11/2022
- "EFOMP Digital Breast Tomosynthesis QC protocol feedback session", ESMPE European School for Medical Physics Experts, Dublin, 17/08/2022
- Corso per TSRM. "Ruolo del Fisico Medico in un trial di tomo sintesi", GISMA, Roma (2018)
- "Informatica nell'imaging: Teleradiologia e dintorni", 05/03/15-07/03/15, AITASIT, Lucca
- "Aspetti fisici e tecnici della nuova mammografia digitale", GISMA, Salerno (2014)
- "La mammografia digitale", Firenze (2012)
- "La mammografia digitale", Milano (2012)
- "Detettori Flat-panel per Diagnostica Mobile", AITASIT, Bari (2012)
- "L'immagine radiologica: dalla formazione all'elaborazione", "Stima del rapporto rischio/beneficio nello screening mammografico", AITASIT, Lucca (2012)

Date 06/05/2025