

YaryVolpe

Associate Professor, Mechanical Engineer, Ph.D

contatti **informazioni personali**

Nome: Yary

Cognome: Volpe

Luogo e data di nascita:

Codice fiscale:

Residenza:

Stato civile:

Servizio militare:

qualifica attuale

Dic. 2021

Professore Associato

Università degli Studi di Firenze, Italia

Professore Associato per il settore scientifico disciplinare IIND-03/B

abilitazione scientifica nazionale

Abilitazione Scientifica Nazionale a Professore di I Fascia per il settore concorsuale 09/A3 PROGETTAZIONE INDUSTRIALE, COSTRUZIONI MECCANICHE E METALLURGIA. Validità Abilitazione: dal 02/08/2017 al 02/08/2023 (art. 16, comma 1, Legge 240/10)

istruzione e formazione

Gen. 2006

Dottorato di ricerca

Università degli Studi di Firenze, Italia

Nuove metodologie e casi studio di prototipazione virtuale

Dottorato di Ricerca in Progetto e Costruzione di Macchine (Settori Scientifici Disciplinari coinvolti SSD: ING-IND/14; ING-IND/15; ING-IND/34) presso il Dipartimento di Meccanica e Tecnologie Industriali, Facoltà di Ingegneria

Nov. 2002

Abilitazione professione di Ingegnere

Ordine degli Ingegneri, Firenze, Italia

Abilitazione alla libera professione di Ingegnere, ordinamento previgente al D.P.R. 328/2001

Sett. 2002

Laurea in Ingegneria Meccanica

Università degli Studi di Firenze, Italia

Modellazione FEM del contatto sella pilota per lo studio del comfort in campo motociclistico

La tesi numerico/sperimentale, della durata di un anno, è stata svolta presso il laboratorio del Dipartimento di Meccanica e Tecnologie Industriali in collaborazione con Piaggio S.p.A. Sono state utilizzate tecniche di modellazione CAD e di modellazione ad elementi finiti (FEM). Voto 105/110

Lug. 1995

Diploma di maturità

Liceo Scientifico A.M.E. Agnoletti, Firenze, Italia

Diploma di maturità scientifica. Voto 54/60

esperienze lavorative

Sett. 2024 Ott. 2024	Manteco S.p.A. <i>Contratto occasionale</i> Consulenza Scientifica per le attività di ricerca e sviluppo dell'anno 2023	Prato, Italia
Feb. 2024 Mar. 2024	Meccanica System s.r.l. <i>Contratto occasionale</i> Consulenza tecnica sull'attività di Ricerca e Sviluppo di Meccanica System s.r.l.	Prato, Italia
Sett. 2023 Nov. 2023	Manteco S.p.A. <i>Contratto occasionale</i> Consulenza Scientifica su progetto MANTEOS	Prato, Italia
Lug. 2023 Ago. 2023	Vera Maria Thea Schwar <i>Contratto occasionale</i> Consulenza Scientifica per progetto regione Emilia Romagna	Firenze, Italia
Apr. 2022 Giu. 2022	Manteco S.p.A. <i>Contratto occasionale</i> Supporto allo sviluppo dei processi di controllo delle materie prime conferite in azienda	Prato, Italia
Mar. 2022 Apr. 2022	TT Tecnosistemi S.p.A. <i>Contratto occasionale</i> Supporto alla relazione tecnica per attività di R&S	Prato, Italia
Giu. 2021 Sett. 2021	Manteco S.p.A. <i>Contratto occasionale</i> Supporto all'analisi infrastruttura, ai requisiti e alle specifiche nel progetto Manteco far Planet	Prato, Italia
Feb. 2021 Giu. 2021	Sestante s.r.l. <i>Contratto occasionale</i> Revisione di allegati tecnici di progetti di ricerca	Prato, Italia
Feb. 2020 Giu. 2021	Fondoimpresa <i>Contratto coordinato</i> Comitato Valutazione Fondimpresa – Avviso 1/2019	Roma, Italia
Apr. 2019 Nov. 2019	Manteco S.p.A. <i>Contratto occasionale</i> Analisi dei principali aspetti dell'economia circolare nel settore tessile	Prato, Italia
Gen. 2019 Feb. 2019	Sestante s.r.l. <i>Contratto occasionale</i> Revisione di allegati tecnici di progetti competitivi	Prato, Italia
Dic. 2018 Gen. 2019	TT Tecnosistemi S.p.A. <i>Contratto occasionale</i> Supporto alla redazione dei Deliverable D2.1 e D2.2 del progetto Big Data Extensible Analytical Machine – BEAM	Prato, Italia
Giu. 2018 Nov. 2018	PIN s.c.r.l. <i>Contratto occasionale</i> Analisi delle sollecitazioni meccaniche di alcuni componenti del primo prototipo di test rig	Prato, Italia
Giu. 2018 Lug. 2018	Sestante s.r.l. <i>Contratto occasionale</i> Revisione di allegati tecnici di progetti competitivi	Prato, Italia

Gen. 2018	Cedit s.c.a.r.l	Firenze, Italia
Mar. 2018	<i>Contratto occasionale</i> Docenza da effettuarsi nell'ambito del progetto "IFTS SMART.MEC" Codice 167774	
Lug. 2017	Athena s.r.l.	Firenze, Italia
Ago. 2017	<i>Contratto occasionale</i> Progettazione di un sistema di supporto per casse acustiche '	
Ago. 2016	Promo Design S.Cons.Ar.L	Calenzano (FI), Italia
Dic. 2016	<i>Contratto di collaborazione coordinata e continuativa</i> Progettazione Meccanica Tramite CAD e supporto per ricerca e sviluppo su prodotto "Smart Crossing"	
Lug. 2016	Università degli Studi di Firenze	Firenze, Italia
Oggi	<i>Ricercatore universitario a t.d.</i> Ricercatore a t.d. (art.1 comma 14 L. 230/05) per il settore scientifico disciplinare ING-IND/15, Università di Firenze, Facoltà di Ingegneria	
Mar. 2016	PIN s.c.r.l	Prato, Italia
Mag. 2016	<i>Contratto di collaborazione coordinata e continuativa</i> Sviluppo di una serie di modelli CAD 3D di prototipi e revisione critica del layout del sistema	
Sett. 2015	PIN s.c.r.l	Prato, Italia
Feb. 2016	<i>Contratto di collaborazione coordinata e continuativa</i> Sviluppo di un sistema per la ricostruzione di punti notevoli per il fotoraddrizzamento in immagini digitali	
Sett. 2014	PIN s.c.r.l	Prato, Italia
Feb. 2015	<i>Contratto di collaborazione coordinata e continuativa</i> Collaborazione alla analisi ed allo sviluppo di un sistema integrato di gestione delle commesse tessili con particolare riferimento a tessuti tinti in pezza	
Apr. 2014	Università degli Studi di Firenze	Firenze, Italia
Oggi	<i>Tecnologo di I livello</i> Tecnologo di I livello per il settore scientifico disciplinare ING-IND/15. L'attuale posizione ricoperta è finanziata dal MIUR sul Bando Smart Cities and Communities (D.D. 391/Ric del 5 luglio 2012) nel progetto di ricerca SUONO (SAFE UNDERWATER OPERATIONS IN OCEANS)	
Gen. 2014	PIN s.c.r.l	Prato, Italia
Apr. 2014	<i>Contratto di collaborazione coordinata e continuativa</i> Sviluppo di una serie di modelli CAD 3D di prototipi e di un sistema a canale caldo comprensivi delle relative messe in tavola 2D e dei risultati delle simulazioni FEM e termo-fluidodinamiche	
Dic. 2013	Istituto tecnico superiore per la manutenzione industriale	Livorno, Italia
Gen. 2014	<i>Contratto occasionale</i> Docenza nel modulo "prototipazione rapida" dell'unità formativa "strumenti informatici di progettazione"	
Apr. 2013	PIN s.c.r.l	Prato, Italia
Ott. 2013	<i>Contratto occasionale</i> Studio di fattibilità di un sistema di visione artificiale per impieghi industriali	
Nov. 2012	PIN s.c.r.l	Prato, Italia
Feb. 2013	<i>Contratto di collaborazione coordinata e continuativa</i> Docenza al corso "CAD-CAM per la meccanica di base" per conto di PIN s.c.r.l di Prato	
Lug. 2012	PIN s.c.r.l	Prato, Italia
Ott. 2012	<i>Contratto occasionale</i> Revisione critica del layout del tavolo telecomandato digitale per uso medico per uno studio ottimizzato della carteratura	
Ott. 2011	PIN s.c.r.l	Prato, Italia
Mar. 2012	<i>Contratto occasionale</i> Docenza al corso "CAD-CAM per la meccanica di base" per conto di PIN s.c.r.l di Prato	

Sett. 2011	Università degli Studi di Firenze	Firenze, Italia
Mar. 2012	<i>Docenza universitaria</i> Docente del corso "Grafica computazionale" presso la Facoltà di Ingegneria; Ingegneria Civile, Edile E Ambientale	
Mar. 2011	PIN s.c.r.l	Prato, Italia
Ott. 2011	<i>Contratto di collaborazione coordinata e continuativa</i> Sviluppo di un sistema per la riduzione totale dell'impatto ambientale di un impianto di trattamento tessuti in ammoniaca liquida	
Mar. 2011	Università degli Studi di Firenze	Firenze, Italia
Mar. 2014	<i>Ricercatore universitario a t.d.</i> Ricercatore a t.d. (art.1 comma 14 L. 230/05) per il settore scientifico disciplina- re ING-IND/15, Università di Firenze, Facoltà di Ingegneria. Tale posizione è stata finanziata sui fondi di un progetto di ricerca denominato "T-VedO - Ricostruzione Tridimensionale per non Vedenti di Opere d'arte pittoriche" (finanziato dal Fondo Sociale Europeo con fondi PAR FAS REGIONE TOSCANA 2007-2013 Linea di Azione 1.1.a.3). La ricerca si posiziona nell'ambito di diversi strumenti e metodi per l'ingegneria a partire dal Reverse Engineering fino alla prototipazione virtuale e rapida, passando per l'elaborazione delle immagini. La ricerca ha infatti come obiettivo principale lo sviluppo di metodologie innovative per la ricostruzione tridimensionale a partire da vista singola di quadri e fotografie	
Gen. 2011	Ambiente impresa s.r.l	Firenze, Italia
Feb. 2011	<i>Contratto occasionale</i> Docente del corso "CAD-CAM per la meccanica di base"	
Set. 2010	Università degli Studi di Firenze	Firenze, Italia
Dic. 2010	<i>Docenza universitaria</i> Docente del corso "Grafica computazionale B" presso la Facoltà di Ingegneria; Ingegneria Civile, Edile E Ambientale	
Mar. 2010	PIN s.c.r.l	Prato, Italia
Lug. 2010	<i>Prestazione professionale</i> Consulenza inerente "Organizzazione delle infrastrutture del laboratorio, acquisi- zione e trasferimento attrezzature"	
Set. 2009	Università degli Studi di Firenze	Firenze, Italia
Apr. 2010	<i>Docenza universitaria</i> Docente del corso "Grafica computazionale" presso la Facoltà di Ingegneria; Ingegneria Civile, Edile E Ambientale	
Mar. 2009	PIN s.c.r.l	Prato, Italia
Giu. 2009	<i>Prestazione professionale</i> Consulenza inerente "Sperimentazione di trattamenti in ammoniaca liquida di tes- suti e verifica sperimentale delle caratteristiche tecniche dei prodotti ottenuti" Rif. EWS - R360 PIN	
Feb. 2009	Università degli Studi di Firenze	Firenze, Italia
Giu. 2009	<i>Docenza universitaria</i> Docente del corso "Disegno Meccanico" – Modulo CAD, Università di Firenze, Facoltà di Ingegneria; Ingegneria Industriale sede Prato	
Gen. 2009	DMTI - Università degli Studi di Firenze	Firenze, Italia
Apr. 2009	<i>Prestazione professionale</i> Consulenza inerente "Analisi strutturale agli elementi finiti dell'albero ad eccentrici dei compressori a quattro cilindri"	

Apr. 2008 Giu. 2008	Università degli Studi di Firenze <i>Docenza universitaria</i> Docente del corso "Disegno Meccanico II", Università di Firenze, Facoltà di Ingegneria; Ingegneria Industriale sede Prato	Firenze, Italia
Apr. 2007 Giu. 2007	Università degli Studi di Firenze <i>Docenza universitaria</i> Docente del corso "Disegno Meccanico II", Università di Firenze, Facoltà di Ingegneria; Ingegneria Industriale sede Prato	Firenze, Italia
Nov. 2006 Mar. 2011	Università degli Studi di Firenze <i>Assegnista di ricerca</i> Assegnista di ricerca in Progetto e Costruzione di Macchine per il settore scientifico disciplinare ING-IND/15, presso il Dipartimento di Meccanica e Tecnologie Industriali della Facoltà di Ingegneria dell'Università di Firenze, svolgendo una attività dal titolo "Sviluppo di modelli numerico - sperimentali per l'analisi del comfort di seduta"	Firenze, Italia
Apr. 2006 Set. 2006	PIN s.c.r.l <i>Contratto occasionale</i> Docente del Corso di Formazione "METAMEC - Metodi E Prassi Di Progettazione Avanzata E Manageriale Nelle Imprese Artigiane Del Settore Meccanico"- Ambito: POR OB.3 Misura D1 Regione Toscana	Prato, Italia
Nov. 2005 Apr. 2006	PIN s.c.r.l <i>Prestazione professionale</i> Consulenza in seno al progetto RITMI - Ricerca Integrata sisTema Moda Interregionale - POR Ob.3 2000-2006 Mis. D4 Regione Toscana	Prato, Italia
Apr. 2005 Apr. 2011	CONSIAG S.p.A. <i>Prestazione professionale</i> Consulenza in qualità di verificatore della sicurezza degli impianti di cui all'art. 9 D.P.R. 447/91	Prato, Italia
Gen. 1997 Oggi	Polisportiva Tre Pietre A.S.D. <i>Istruttore palestra</i> Istruttore di karate	Firenze, Italia

article in peer-reviewed journal

- [1] Torzini Lorenzo et al. "Characterization of Fatigue Behavior of 3D Printed Pneumatic Fluidic Elastomer Actuators". In: *THE INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY* (2024). Articolo in rivista, pp. 0-0. ISSN: 1433-3015. DOI: [10.21203/rs.3.rs-4255722/v1](https://doi.org/10.21203/rs.3.rs-4255722/v1).
- [2] Magherini Roberto et al. "Distinguishing Kidney Tumor Types Using Radiomics Features and Deep Features". In: *IEEE ACCESS* 12 (2024). Articolo in rivista, pp. 84241–84252. ISSN: 2169-3536. DOI: [10.1109/access.2024.3412655](https://doi.org/10.1109/access.2024.3412655).
- [3] Servi Michaela et al. "Comparative Evaluation of Intel RealSense D415, D435j, D455, and Microsoft Azure Kinect DK Sensors for 3D Vision Applications". In: *IEEE ACCESS* 12 (2024). Articolo in rivista, pp. 111311–111321. ISSN: 2169-3536. DOI: [10.1109/access.2024.3441238](https://doi.org/10.1109/access.2024.3441238).
- [4] Torzini Lorenzo et al. "Characterization of fatigue behavior of 3D printed pneumatic fluidic elastomer actuators". In: *INTERNATIONAL JOURNAL, ADVANCED MANUFACTURING TECHNOLOGY* (2024). Articolo in rivista, pp. 1–12. ISSN: 0268-3768. DOI: [10.1007/s00170-024-14216-0](https://doi.org/10.1007/s00170-024-14216-0). URL: <https://link.springer.com/article/10.1007/s00170-024-14216-0#article-info>.
- [5] Servi Michaela, Mussi Elisa e Volpe Yary. "Comparative evaluation of low-cost 3D scanning devices for ear acquisition". In: *COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE UPDATE* 5 (2024). Articolo in rivista, pp. 0-0. ISSN: 2666-9900. DOI: [10.1016/j.cmpbup.2024.100135](https://doi.org/10.1016/j.cmpbup.2024.100135).
- [6] Servi Michaela et al. "An automatic procedure for modelling patient-specific wrist orthosis". In: *ANNALS OF 3D PRINTED MEDICINE* 15 (2024). Articolo in rivista, pp. 0-0. ISSN: 2666-9641. DOI: [10.1016/j.stlm.2024.100166](https://doi.org/10.1016/j.stlm.2024.100166).
- [7] Servi M. et al. "A CAD Procedure for Planning and Modelling Custom Surgical Guides for Tumor Resection". In: *COMPUTER-AIDED DESIGN AND APPLICATIONS* 21 (2024). Articolo in rivista, pp. 487–498. ISSN: 1686-4360. DOI: [10.14733/cadaps.2024.487-498](https://doi.org/10.14733/cadaps.2024.487-498).
- [8] Michaela Servi et al. "Integration of artificial intelligence and augmented reality for assisted detection of textile defects". In: *JOURNAL OF ENGINEERED FIBERS AND FABRICS* onlinefirst (2024). Articolo in rivista, pp. 0-0. ISSN: 1558-9250. DOI: [10.1177/15589250231206502](https://doi.org/10.1177/15589250231206502). URL: <https://journals.sagepub.com/doi/10.1177/15589250231206502>.
- [9] Marzola Antonio et al. "An enhanced statistical shape model for automatic feature segmentation of human vertebrae". In: *BIOMEDICAL SIGNAL PROCESSING AND CONTROL* 91 (2024). Articolo in rivista, pp. 0-0. ISSN: 1746-8094. DOI: [10.1016/j.bspc.2024.105972](https://doi.org/10.1016/j.bspc.2024.105972).
- [10] Mencarelli Marta et al. "Acoustic velocity and stability of tissue-mimicking echogenic materials for ultrasound training phantoms". In: *JOURNAL OF MATERIALS SCIENCE* 2024 (2024). Articolo in rivista, pp. 0-0. ISSN: 0022-2461. DOI: [10.1007/s10853-024-09610-8](https://doi.org/10.1007/s10853-024-09610-8). URL: <https://link.springer.com/article/10.1007/s10853-024-09610-8#citeas>.
- [11] Fiorineschi Lorenzo et al. "Non-reactive test rig for combustor-turbine interaction studies in industrial gas turbines". In: *JOURNAL OF ENGINEERING, DESIGN AND TECHNOLOGY* 21 (2023). Articolo in rivista, pp. 758–777. ISSN: 1726-0531. DOI: [10.1108/JEDT-02-2021-0085](https://doi.org/10.1108/JEDT-02-2021-0085). URL: <https://www.emerald.com/insight/content/doi/10.1108/JEDT-02-2021-0085/full/html>.
- [12] Marzola Antonio et al. "HyM3D: A hybrid method for the automatic 3D reconstruction of a defective cranial vault". In: *COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE* 234 (2023). Articolo in rivista, pp. 0-0. ISSN: 0169-2607. DOI: [10.1016/j.cmpb.2023.107516](https://doi.org/10.1016/j.cmpb.2023.107516).
- [13] Busato Angela et al. "Precise: A web-based 3D visualization and manipulation application for surgical planning of tumour resection". In: *SOFTWAREX* 22 (2023). Articolo in rivista, pp. 0-0. ISSN: 2352-7110. DOI: [10.1016/j.softx.2023.101398](https://doi.org/10.1016/j.softx.2023.101398). URL: <https://www.sciencedirect.com/science/article/pii/S2352711023000948?via=ihub>.
- [14] Gigola Francesca et al. "Autologous Ear Reconstruction and 3D Printing, an Innovative Hybrid Surgical-engineering Reconstructive Approach for Custom-made Ear Models: Our Experience". In: *PLASTIC AND RECONSTRUCTIVE SURGERY – GLOBAL OPEN* 11 (2023). Articolo in rivista, E5131–. ISSN: 2169-7574. DOI: [10.1097/gox.0000000000005131](https://doi.org/10.1097/gox.0000000000005131).
- [15] Mussi Elisa et al. "A Simple Interactive Tool for the CAD Modelling of Surgical Guides for Autologous Ear Reconstruction". In: *COMPUTER-AIDED DESIGN AND APPLICATIONS* 20

- (2023). Articolo in rivista, pp. 109–118. ISSN: 1686-4360. DOI: [10.14733/cadaps.2023.109-118](https://doi.org/10.14733/cadaps.2023.109-118).
- [16] Elisa Mussi et al. "Assessment and treatment of pectus deformities: a review of reverse engineering and 3D printing techniques". In: *RAPID PROTOTYPING JOURNAL* 29 (2023). Articolo in rivista, pp. 19–32. ISSN: 1355-2546. DOI: [10.1108/RPJ-02-2022-0046](https://doi.org/10.1108/RPJ-02-2022-0046). URL: <https://www.emerald.com/insight/content/doi/10.1108/RPJ-02-2022-0046/full/pdf?title=assessment-and-treatment-of-pectus-deformities-a-review-of-reverse-engineering-and-3d-printing-techniques>.
- [17] Guariento L. et al. "Design Automation of Lattice-based Customized Orthopedic for Load-bearing Implants". In: *COMPUTER-AIDED DESIGN AND APPLICATIONS* 20 (2023). Articolo in rivista, pp. 158–173. ISSN: 1686-4360. DOI: [10.14733/cadaps.2023.158-173](https://doi.org/10.14733/cadaps.2023.158-173).
- [18] Puggelli Luca, Furferi Rocco e Volpe Yary. "Interactive mold design for paediatric lower airway manikin manufacturing: a feasibility study". In: *INTERNATIONAL JOURNAL ON INTERACTIVE DESIGN AND MANUFACTURING* (2023). Articolo in rivista, pp. 0-0. ISSN: 1955-2513. DOI: [10.1007/s12008-023-01355-z](https://doi.org/10.1007/s12008-023-01355-z). URL: https://trebuchet.public.springernature.app/get_content/2e1e22a2-20a7-4ee8-8630-065f9e69c234.
- [19] Servi M. et al. "Statistical and artificial intelligence techniques to identify risk factors for suicide in children and adolescents". In: *SCIENCE PROGRESS* 106 (2023). Articolo in rivista, pp. 1–16. ISSN: 0036-8504. DOI: [10.1177/00368504231199663](https://doi.org/10.1177/00368504231199663).
- [20] Lazzeri S. et al. "3D-Printed Patient-Specific Casts for the Distal Radius in Children: Outcome and Pre-Market Survey". In: *MATERIALS* 15 (2022). Articolo in rivista, pp. 0-0. ISSN: 1996-1944. DOI: [10.3390/ma15082863](https://doi.org/10.3390/ma15082863).
- [21] Michaela Servi et al. "An Ad-hoc Solution for Ear Anatomy Acquisition in Pediatric Setting". In: *COMPUTER-AIDED DESIGN AND APPLICATIONS* 20 (2022). Articolo in rivista, pp. 50–61. ISSN: 1686-4360. DOI: [10.14733/cadaps.2023.S6.50-61](https://doi.org/10.14733/cadaps.2023.S6.50-61).
- [22] Roberto Magherini et al. "Machine Learning for Renal Pathologies: An Updated Survey". In: *SENSORS* 22 (2022). Articolo in rivista, pp. 1–12. ISSN: 1424-8220. DOI: [10.3390/s22134989](https://doi.org/10.3390/s22134989). URL: <https://www.mdpi.com/1424-8220/22/13/4989>.
- [23] Rocco Furferi, Yary Volpe e Franco Mantellassi. "Circular Economy Guidelines for the Textile Industry". In: *SUSTAINABILITY* 14 (2022). Articolo in rivista, pp. 0-0. ISSN: 2071-1050. DOI: [10.3390/su141711111](https://doi.org/10.3390/su141711111). URL: <https://www.mdpi.com/2071-1050/14/17/11111>.
- [24] Rocco Furferi et al. "A computational method for the investigation of burn scars topology based on 3D optical scan". In: *COMPUTERS IN BIOLOGY AND MEDICINE* 149 (2022). Articolo in rivista, pp. 1–15. ISSN: 0010-4825. DOI: [10.1016/j.combiomed.2022.105945](https://doi.org/10.1016/j.combiomed.2022.105945). URL: <https://www.sciencedirect.com/science/article/abs/pii/S0010482522006801?via=ihub>.
- [25] Giuditta Mannelli et al. "Orbital Extenteration Defects: Ablative and Reconstructive Flowchart Proposal." In: *THE JOURNAL OF CRANIOFACIAL SURGERY* (2022). Articolo in rivista, pp. 0-0. ISSN: 1049-2275. DOI: [10.1097/SCS.0000000000009052](https://doi.org/10.1097/SCS.0000000000009052).
- [26] Valentini L. et al. "Engineering Auxetic Cylinders and Intestine to Improve Longitudinal Intestinal Lengthening and Tailoring Procedure". In: *BIOENGINEERING* 9 (2022). Articolo in rivista, pp. 658–667. ISSN: 2306-5354. DOI: [10.3390/bioengineering9110658](https://doi.org/10.3390/bioengineering9110658).
- [27] Magherini R. et al. "Emotion recognition in the times of COVID19: Coping with face masks". In: *INTELLIGENT SYSTEMS WITH APPLICATIONS* 15 (2022). Articolo in rivista, pp. 0-0. ISSN: 2667-3053. DOI: [10.1016/j.iswa.2022.200094](https://doi.org/10.1016/j.iswa.2022.200094). URL: <https://www.sciencedirect.com/science/article/pii/S2667305322000345>.
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Competenze

lingue

italiano: *madrelingua*

inglese scritto: *Ottimo*; parlato: *Buono*

software

sistemi CAD e RE: AutoCad, SolidWorks, Creo, Geomegic, PolyWorks (*ottima conoscenza*).

sistemi FEM: ANSYS, Femap, Hypermesh, Ls-Dyna, Patran (*buona conoscenza*).

sistemi operativi: Windows Vista, 7, 10 (*ottima conoscenza*).

pacchetti Applicativi: MS Office, Latex, Photoshop, (*ottima conoscenza*).

linguaggi di programmazione: Matlab, Scilab (*ottima conoscenza*), Visual Basic, Visual Basic for Applications (*buona conoscenza*).

altre informazioni

interessi: Fotografia, viaggi, musica, cinema, sport e informatica .

hobbies: karate, fotografia, nuoto, collezionismo, lettura e bricolage.

Autorizzo il trattamento dei dati personali ai sensi della Legge n. 675/96

Firenze, 4 novembre 2024

Yary Volpe