

Curriculum



Nome Name:	Simone
Cognome Surname:	Dilaria

ORCID:	https://orcid.org/0000-0001-6296-3388
Scopus Author ID:	n.d.
WOS Author ID:	n.d.
Sito WEB WEB site:	n.d.

POSIZIONE PROFESSIONALE ATTUALE / CURRENT PROFESSIONAL POSITION:

Posizione attuale Current position:	In Servizio
Qualifica Qualification:	Ricercatore a tempo det.
Ateneo/Ente/Azienda University/Institution/Company:	Università degli Studi di PADOVA
Nazione Ateneo/Ente/Azienda University/Institution/Company Country:	ITA
Anno inizio Start Year:	2022
Anno fine End Year:	2025

PRECEDENTI ESPERIENZE LAVORATIVE (ULTIMI 10 ANNI) / PREVIOUS WORK EXPERIENCE (LAST 10 YEARS):

LINGUE / LANGUAGES:

Lingua Language:	Italiano
Scrittura Writing:	madrelingua
Comunicazione Communication:	madrelingua

Lingua Language:	Inglese
Scrittura Writing:	C1
Comunicazione Communication:	C1

AREA/SETTORE SCIENTIFICO-DISCIPLINARE / AREA/SECTOR SCIENTIFIC-DISCIPLINARY

Area scientifico-disciplinare Area scientific-disciplinary:	Scienze dell'antichità filologico-letterarie e storico-artistiche
Area scientifico-disciplinare codice Area scientific-disciplinary code:	10
Settore scientifico-disciplinare codice Sector scientific-disciplinary code:	-Metodologie della ricerca archeologica -Archeologia classica
Settore scientifico-disciplinare codice Sector scientific-disciplinary code:	-ARCH-01/G -ARCH-01/D

DESCRIZIONE DEI PRINCIPALI RISULTATI SCIENTIFICI CONSEGUITI NEGLI ULTIMI 10 ANNI (CON ANNESSO ELENCO DI MASSIMO 10 PUBBLICAZIONI) / DESCRIPTION OF THE MAIN SCIENTIFIC RESULTS ACHIEVED IN THE LAST 10 YEARS (WITH ATTACHED LIST OF MAXIMUM 10 PUBLICATIONS):

Descrizione Description:	<i>Simone Dilaria has been (02/2022 - 01/2025) a Researcher (RTD-A) in Classical Archaeology (SSD L- ANT/07) at the Department of Cultural Heritage, University of Padua, where he currently serves as "Assegnista di ricerca". After graduating with a master's degree in Archaeological Sciences in 2014 and a specialization in Archaeological Heritage in 2016, he obtained his PhD degree with honors in History, Criticism and Conservation of Cultural Heritage in 2020. He was subsequently a research fellow at the Department of Geosciences of the University of Padua (2020) and a research fellow at the Department of Cultural Heritage of the same University (2021). He was also awarded of a Research Grant from the Laboratory of Archaeometry of the University of Peloponnese in Greece in December 2021 and, in august 2025, a</i>
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	<p>Visiting professor at Venice International University, Venice (VIU) with the Course "Stones of Venetia: from the Romans to the Microscope," (6 CFU ETCS). His research activity mainly concerns the study of ancient building materials conducted through the integration of traditional archaeological approaches with archaeometric techniques. In fact, he carries out laboratory analyses involving the combination of advanced analytical techniques such as Optical and Electron Microscopy, Raman Spectroscopy, X-ray Diffraction, X-Fluorescence and pXRF, LA-ICP-MS. He is also involved in scientific methods of direct dating (14C and OSL). He also possesses in-depth knowledge in photogrammetric techniques for archaeological documentation. He was the recipient of a funded project for the study of volcanic pozzolans in ancient mortars (BIRD - UNIPD), and has organized conferences and seminars on topics related to the characterization of ancient mortars and the provenance of stone materials in archaeometry and archaeology. He collaborates, with coordination roles, in the archaeological research projects of the University of Padua in Aquileia (Udine) and Nora (Cagliari). He is the author and co-author of numerous scientific publications in ANVUR band A and ISI peer-review journals, and a monography in the above-mentioned research topics. He has participated, also as invited speaker, in numerous scientific national and international conferences, seminars, and workshops in his areas of expertise and has numerous research collaborations with universities, superintendencies, and national and international cultural heritage management and protection agencies. He is a lecturer for the courses Principles and Techniques Of Ancient Architecture and Materials Properties, Use and Conservation: Construction Materials and Binders for the master's degree in Archaeological Sciences at the University of Padua. He is the author of 1 monograph and over 60 scientific articles. He supervised the writing of numerous theses among bachelor, master and doctoral degrees. He is also a reviewer in the areas of expertise for scientific journals in the fields of archaeology and archaeometry.</p>
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PUBBLICAZIONI / PUBLICATIONS:

Anno della pubblicazione Year of publication:	2024
Citazione Citation:	Simone Dilaria (2024). Archeologia e archeometria delle miscele leganti di Aquileia romana e tardoantica (II sec. a.C. - VI sec. d.C.). COSTRUIRE NEL MONDO ANTICO, vol. 8, Roma:Quasar di Severino Tognon, ISBN: 978-88-5491-492-6

Anno della pubblicazione Year of publication:	2024
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Citazione Citation:	Dilaria, Simone, Ricci, Giulia, Secco, Michele, Beltrame, Carlo, Costa, Elisa, Giovanardi, Tommaso, Bonetto, Jacopo, Artioli, Gilberto (2024). Vitruvian binders in Venice: First evidence of Phlegraean pozzolans in an underwater Roman construction in the Venice Lagoon. PLOS ONE, vol. 19, ISSN: 1932-6203, doi: 10.1371/journal.pone.0313917
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Anno della pubblicazione Year of publication:	2023
Citazione Citation:	Dilaria, Simone, Secco, Michele, Ghiotto, Andrea R, Furlan, Guido, Giovanardi, Tommaso, Zorzi, Federico, Bonetto, Jacopo (2023). Early exploitation of Neapolitan pozzolan (pulvis puteolana) in the Roman theatre of Aquileia, Northern Italy. SCIENTIFIC REPORTS, vol. 13, ISSN: 2045-2322, doi: 10.1038/s41598-023-30692-y

Anno della pubblicazione Year of publication:	2025
Citazione Citation:	Simone Dilaria, Caterina Previato, Michele Secco, Maria Stella Busana (2025). A Semi-Automated Machine-Learning Tool for Assessing Building Phases: Discriminant Analysis of Mortars from the 2022 Excavation at the Sarno Bath Complex in Pompeii. HERITAGE, vol. 8, p. 1-19, ISSN: 2571-9408, doi: 10.3390/heritage8020051

Anno della pubblicazione Year of publication:	2022
Citazione Citation:	SIMONE DILARIA (2022). PURPLE-DYEING IN ROMAN AQUILEIA? NEW DATA FROM RECENT EXCAVATIONS AT THE INSULA OF THE WOUNDED BEASTS. RIVISTA DI ARCHEOLOGIA, vol. XLV, p. 47-65, ISSN: 0392-0895

Anno della pubblicazione Year of publication:	2021
Citazione Citation:	Dilaria S., Scalco L., Salvadori M., Peruzzo F. E., Ventura P., Braini M. (2021). Aquileia, quartieri settentrionali. Nuovi dati per la ricostruzione dell'organizzazione urbanistica e dell'assetto interno dell'insula delle Bestie ferite. ARCHEOLOGIA CLASSICA, vol. 2021, p. 297-331, ISSN: 0391-8165, doi: 10.48255/J.ArchCI.LXXII.2021.11

Anno della pubblicazione Year of publication:	2023
Citazione Citation:	Simone Dilaria, Caterina Previato, Jacopo Bonetto, Michele Secco, Arturo Zara, Raffaella De Luca, Domenico Miriello (2023). Volcanic Pozzolan from the Phlegraean Fields in the Structural Mortars of the Roman Temple of Nora (Sardinia). HERITAGE, vol. 6, p. 567-586, ISSN: 2571-9408, doi: 10.3390/heritage6010030

Anno della pubblicazione	2024
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Year of publication:	
Citazione Citation:	Dilaria, Simone, Bonetto, Jacopo, Germinario, Luigi, Previato, Caterina, Girotto, Chiara, Mazzoli, Claudio (2024). The stone artifacts of the National Archaeological Museum of Adria (Rovigo, Italy): a noteworthy example of heterogeneity. <i>ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES</i> , vol. 16, p. 1-30, ISSN: 1866-9557, doi: 10.1007/s12520-023-01911-4

Anno della pubblicazione Year of publication:	2021
Citazione Citation:	Dilaria Simone, Bonetto Jacopo (2021). Circolazione di maestranze e saperi costruttivi nel mediterraneo antico. Il caso dei rivestimenti in malta delle cisterne punico-romane di Nora. <i>ATLANTE TEMATICO DI TOPOGRAFIA ANTICA</i> , vol. 31, p. 495-520, ISSN: 2036-3834

Anno della pubblicazione Year of publication:	2024
Citazione Citation:	Dilaria, Simone, Sbrolli, Clelia, Mosimann, Federica Stella, Favero, Anna, Secco, Michele, Santello, Lisa, Salvadori, Monica (2024). Production technique and multi-analytical characterization of a paint-plastered ceiling from the Late Antique villa of Negrar (Verona, Italy). <i>ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES</i> , vol. 16, ISSN: 1866-9557, doi: 10.1007/s12520-024-01983-w

DESCRIZIONE DEI PRINCIPALI PROGETTI DI RICERCA E PREMI CONSEGUITI NEGLI ULTIMI 10 ANNI (CON ANNESSO ELENCO DI MASSIMO 10 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, PRINCIPAL INVESTIGATOR O COORDINATORE LOCALE DI PROGETTI DI RICERCA COMPETITIVI NAZIONALI O INTERNAZIONALI, SIGNIFICATIVI PREMI CONSEGUITI PER LA PROPRIA ATTIVITÀ DI RICERCA)/ DESCRIPTION OF THE MAIN RESEARCH PROJECTS AND AWARDS AWARDED IN THE LAST 10 YEARS (WITH ATTACHED LIST OF MAXIMUM 10 ACHIEVEMENTS, INCLUDING, FOR EXAMPLE, PRINCIPAL INVESTIGATOR OR LOCAL COORDINATOR OF NATIONAL OR INTERNATIONAL COMPETITIVE RESEARCH PROJECTS, SIGNIFICANT AWARDS AWARDED FOR YOUR RESEARCH ACTIVITY):

Descrizione Description:	- 2024.11.05 - <i>National Scientific Qualification - Associate Professor, SC 10/A1 (Archaeology)</i> - Winner of a Seal of Excellence certificate for the call <i>HORIZON-MSCA-2024 PF-01 (Global Fellowship)</i> , awarded with a grade of 89/100, Acronym: <i>Re-Surge</i> - proposal number: 101206664. - 2021.12.1/2022.05.31 - Winner of a <i>Semiannual Grant (ARISTEAS project)</i> , at
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	<p>University of the Peloponnese, Department of History, Archaeology and Cultural Resources Management - Laboratory of Archaeometry. Project: "Investigation of Pozzolan Products in Ancient Lime-based Binders and Glasses" (scientific dir.: Prof. N. Zacharias; referee: Prof. G. Artioli) https://aristeas.eu/first-call/</p>
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<p>Descrizione Description:</p>	<p>Principal Investigator of the project, "Trade and Use of Volcanic Pozzolans in the Roman World. A natural material for the production of eco-sustainable concrete in antiquity," financed by Integrated Budget for Departmental Research, University of Padua, Department of Cultural Heritage (BIRD 2023).</p>
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<p>Descrizione Description:</p>	<p>2016 (ongoing) - Full member of the research programs of the site of the Sarno baths in Pompeii, within the projects "MACH: multidisciplinary methodological approaches to knowledge, conservation and enhancement of cultural heritage" (2016-2017), of the University of Padua, Departments of Cultural Heritage (scientific dir: prof. J. Bonetto, prof. M. Salvadori, prof. Busana), Department of Geosciences (scientific dir: prof. G. Artioli) and Department of Civil, Building and Environmental Engineering (scientific dir: prof.ssa F. Da Porto); of the "CIPAR: China-Italy International Research Center for Protection of Historical Architectures and Cultural Relics" program (2020), of the University of Padua, Department of Civil, Building and Environmental Engineering (scientific dir: prof. Da Porto); of the project "Terme del Sarno in Pompeii: excavations and research at civ. 21" (2022) funded by Integrated Budget for Departmental Research, University of Padua, Department of Cultural Heritage (scientific dir: prof.ssa M.s. Busana). Publications links: https://www.research.unipd.it/handle/11577/3414232</p>
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<p>Descrizione Description:</p>	<p>2021 (ongoing) - Full member of the project "Archaeometric investigations on Euganean pozzolan", funded by the Integrated Budget for Departmental Research, University of Padua, Department of Cultural Heritage (BIRD 2020). PI: Prof M. Secco. Publications links: https://www.research.unipd.it/handle/11577/3472431 ; https://www.research.unipd.it/handle/11577/3465262</p>
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<p>Descrizione Description:</p>	<p>2024 (ongoing) - Full member of the project: "Landscapes of stone: integrated approaches for the study of the ancient quarries of Populonia" financed by the Integrated Budget for Departmental Research, University of Padua, Department of Cultural Heritage (BIRD 2024). PI: Prof. C. Previato.</p>
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DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI DI SVILUPPO DI RETI E RELAZIONI

SCIENTIFICHE NAZIONALI E INTERNAZIONALI (CON ANNESSO ELENCO DI MASSIMO 5 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, PARTECIPAZIONE O ORGANIZZAZIONE DI CONVEGNI NAZIONALI E INTERNAZIONALI; CONTRIBUTI A CONSORZI DI RICERCA) / DESCRIPTION OF THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF DEVELOPMENT OF NATIONAL AND INTERNATIONAL SCIENTIFIC NETWORKS AND RELATIONS (WITH ATTACHED LIST OF MAXIMUM 5 RESULTS, INCLUDING, FOR EXAMPLE, PARTICIPATION OR ORGANIZATION OF NATIONAL AND INTERNATIONAL CONFERENCES; CONTRIBUTIONS TO RESEARCH CONSORTIA):

<p>Descrizione Description:</p>	<p>2024 (ongoing) - Research collaboration with UNIL (University of Lausanne) for "Archaeometric investigations on mortars and stones in Villa Iovis (Capri) in the framework of the Seed collaboration grant between UNIL (prof. H. Dessales) and University of Padova (prof. J. Bonetto)</p> <p>2024 (ongoing) - Research collaboration with Umst Soprintendenza per i Beni e le Attività Culturali - Ufficio Beni Archeologici, Autonomous Province of Trento (Drs. B. Maurina and C. Bassi) for "Archaeometric investigations on Roman plaster fragments from excavations of the superintendence in Trento" (with M. Salvadori)</p> <p>2024 (ongoing) - Research collaboration with MHAS, Museum of Croatian Archaeological Monuments in Split (Dr. Božana Maletić - MHAS), for "Investigation of concrete samples from port structures of Diocletian's Palace in Split" (with C. Previato)</p> <p>2023 (in progress) - Research collaboration with University of Notre Dame (USA), School of Architecture (prof. P. Vitti) and Department of Classics (prof. David Hernandez) for "Archaeometric investigations on building materials (mortar and stone) of Hadrian's Mausoleum (Rome), and on Rocca Bruna of Villa Adriana in Tivoli" (with M. Secco, G. Artioli, G. Ricci and R. Deiana)</p> <p>2022 (ongoing) - Research collaboration with SABAP Venezia e Gronda Lagunare (Dr. C. Rossi) and Istituto Veneto per i Beni Culturali (IVBC) of Venice (Dr. M. Pilutti Namer), for "Investigations on stone materials, mortars and pigments of the Byzantine mosaics of the first church of San Nicolò del Lido in Venice" (with M. Secco)</p> <p>2021 (ongoing) - Research collaboration with Cà Foscari University of Venice, Department of Humanities (Prof. C. Beltrame), as part of the Underwater Muse project (Interreg Italy-Croatia), for "Archaeometric analyses on mortar and stone material of the Roman-age structures of Ca' Ballarin and Torrione San Felice in the Venice lagoon" (with M. Secco and G. Ricci)</p> <p>2018 - Research collaboration with the University of Verona, Department of Cultures and Civilizations within the framework of the Archaeological Mission to Aquileia (Udine), Fondo Pasqualis (markets and late ancient walls) (scientific director: Prof. P. Basso), for "Archaeometric analysis of mortars from</p>
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	<p><i>archaeological structures in the excavation area" 2018 - Research collaboration with Ca' Foscari University of Venice, Department of Humanities in the framework of the Archaeological Mission to Aquileia (Udine), Roman port, eastern shore (scientific director: Prof. D. Cottica), for "Archaeometric analysis of mortars and stone material from archaeological structures in the excavation area" 2015 (ongoing) - Research collaboration with University of Udine, Department of Humanities and Cultural Heritage Studies (scientific director: Prof. M. Rubinich), as part of the Archaeological Mission to Aquileia (Udine), thermal building in loc. Braida Murada, for "Archaeometric study of mortars, plasters and stone material from archaeological structures in the excavation area"</i></p>
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<p>Descrizione Description:</p>	<p>2025.01.21 - National Conference (Organizer) "Dalla cava al monumento antico. Questioni di provenienza, impiego e trasformazione della pietra nel mondo antico tra archeologia e archeometria" (Padova, 21 January 2025). Title: Provenienza, trasformazione e impiego delle rocce vulcaniche dei Colli Euganei: un tracciamento ad alta risoluzione spaziale.</p>
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<p>Descrizione Description:</p>	<p>2024.10.29 - Workshop (invited speaker) "Misurare il lusso oltre lo stile. archeometria per una nuova narrazione delle residenze antiche e tardoantiche" (Siena, 29-30 October 2024), Title: Pittura e mosaico tardoantico in Nord Italia. Misurare la tecnica esecutiva e savoir-faire attraverso l'archeometria (con C. Sbrilli).</p>
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<p>Descrizione Description:</p>	<p>2024.08.29 - International conference 30th EAA Annual Meeting (Rome, 28-30 August 2024). Session: Chaine Opératoire And Life Cycle Of Protohistoric And Ancient Building Materials (invited speaker). Title: The exploitation of volcanic pozzolans in the Roman world. The current state of art in light of recent discoveries.</p>
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<p>Descrizione Description:</p>	<p>2024.06.03 - International Conference "20th International Congress of Classical Archaeology" (Paris, 3-9 June 2024). Presentation title: From Provenance Determination to Quantification Estimating the Transport of Phlegraean pulvis puteolanus for the Construction of the Roman Temple of Nora (Sardinia)</p>
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<p>Descrizione Description:</p>	<p>2022.06.28 - International Workshop (invited speaker) "1st International Conference with Workshop: Science for Conservation of the Danube Limes" (Viminacium, Serbia, June 27-July 1, 2022). Presentation title: Pyroclastic rocks in the structural mortars of Roman Nora (Sardinia). A green material for the production of sustainable concretes in antiquity.</p>
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DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI DI SUPPORTO ALLA COMUNITÀ SCIENTIFICA (CON ANNESSO ELENCO DI MASSIMO 5 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, RESPONSABILITÀ DI DIREZIONE DI COMITATI EDITORIALI; INCARICHI DI VALUTAZIONE DELLA RICERCA PRESSO ISTITUZIONI NAZIONALI O INTERNAZIONALI; RESPONSABILITÀ ISTITUZIONALI ALL'INTERNO DELL'ISTITUZIONE DI APPARTENENZA O DI ALTRE ISTITUZIONI) / DESCRIPTION OF THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF SUPPORT TO THE SCIENTIFIC COMMUNITY (WITH ATTACHED LIST OF MAXIMUM 5 RESULTS, INCLUDING, FOR EXAMPLE, MANAGEMENT RESPONSIBILITIES OF EDITORIAL COMMITTEES; RESEARCH EVALUATION ROLES AT NATIONAL OR INTERNATIONAL INSTITUTIONS; INSTITUTIONAL RESPONSIBILITIES WITHIN THE INSTITUTION OF AFFILIATION OR OTHER INSTITUTIONS):

Descrizione Description:	
Descrizione Description:	2024.08.05/2024.08.30 - Visiting professor at Venice International University, Venice (VIU). Course: "Stones of Venetia: from the Romans to the Microscope," Summer School 2024 (6 CFU ETCS).
Descrizione Description:	2024.05 - Member of the Advisory board of the Journal "Quaderni Norensi" - ISSN 2420-837X
Descrizione Description:	A.A. 2023/2024 and 2024/2025 (first semester) - Course in "Principles and Techniques Of Ancient Architecture" (3 CFU/21 hours, SSD L-ANT/07), Master's Degree in Archaeological Sciences - Curriculum Methods and Perspectives for the Study of Cultures and Classical Humanities and Ancient History (with Prof. J. Bonetto). Italian language.
Descrizione Description:	A.Y. 2023/2024 and 2024/2025 (first semester) - 2 CFU (14 hours) of the course "Materials Properties, Use and Conservation: Construction Materials and Binders" (2 CFU, SSD GEO/09), Master's Degree in Archaeological Sciences - Curriculum Applied Sciences to Cultural Heritage: Materials and Sites, (with Prof. M. Secco and Prof. C. Previato). English language
Descrizione Description:	2024.08.05/2024.08.30 - Visiting professor at Venice International University, Venice (VIU). Course: "Stones of Venetia: from the Romans to the Microscope," Summer School 2024 (6 CFU

ETCS).

DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI VALORIZZAZIONE DELLE CONOSCENZE (CON ANNESSO ELENCO DI MASSIMO 3 RISULTATI, RELATIVI ALLA PARTECIPAZIONE DEL CANDIDATO ALLE ATTIVITÀ DI VALORIZZAZIONE DELLE CONOSCENZE) / DESCRIPTION OF THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF KNOWLEDGE VALORIZATION (WITH ATTACHED LIST OF MAXIMUM 3 RESULTS, RELATING TO THE CANDIDATE'S PARTICIPATION IN KNOWLEDGE VALORIZATION ACTIVITIES):

Descrizione Description:	
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Informazioni aggiornate alla data di candidatura 20-05-2025

Simone Dilaria

Il presente curriculum costituisce allegato e parte integrante dell'incarico sottoscritto