

# CURRICULUM VITAE

FORMATO EUROPEO/EUROPEAN FORMAT

## PERSONAL INFORMATION

Nome, Cognome/Name, Surname **Valeria Di Tullio**

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Nationality Italian

Place and Date of birth [REDACTED]

## WORK EXPERIENCE

Se dipendente CNR indicare:

**QUALIFICA PRIMORICERCATORE, (RESEARCH SCIENTIST) LIVELLO II**

- 1. Name and address of employer** **Institute of Heritage Science (Istituto di Scienze del Patrimonio Culturale -ISPC),**  
area di ricerca RM1, Via Salaria km.29,300, (RM), IT
- Type of business or sector Institute of research  
Occupation or position held Senior Research scientist  
2026-2028 HORIZON-MSCA-2025-PF-01-01-Supervisor-coordinator "UMID-PC- Understanding Moisture-Induced Degradation in Painted Cultural Heritage"
- Main activities and responsibilities 2022-2023 Scientific coordinator CNR: "ON-TECH project", DTC Lazio Intervento TE1 – Invito al Centro di Eccellenza a presentare progetti per la seconda fase – Progetti RSI  
2022-2023 attendee to "REMEDIA" POR FESR Lazio 2014-2020 (Az. 1.2.1) Gruppi di Ricerca 2020.  
From 2018 attendee to E-RIHS Infrastructure Italian HUB, MOLAB RM  
From 2019 attendee to DTC Regione Lazio per I Beni Culturali – Laboratorio NMR-1  
From 2013 Member of GL3 group "Valutazione normativa su metodi e prodotti utilizzati negli interventi di conservazione su materiali inorganici porosi che costituiscono il patrimonio culturale" Commissione Nazionale UNI- Beni Culturali U8705 sottocommissione nazionale GEN/TC 346 European Committee for Standardization. n. protocollo IMC-CNR N.0000338.  
2019-2022 scientific collaboration with The Metropolitan Museum of Art, NY, US NFS Projects DMR-1608366, coordinators Dr. Silvia Centeno and University of Delaware, Prof. Cecil Dybowski Grant NSF US. National Science Foundation; Award Number: 1608366. Project" Water mediated transport of ions and molecules in ionomeric paint films:an integrated multi.technique investigation".
- 2. Name and address of employer** **Istituto per i Sistemi Biologici (CNR),** area di ricerca RM1, Via Salaria km.29,300, (RM), IT
- Dates (from – to) 27/12/2018-29/11/2021
- Type of business or sector Institute of research  
Occupation or position held Research scientist
- Main activities and responsibilities **Research Projects and MAJOR COLLABORATIONS**  
2019 - ADAMO - Tecnologie di analisi, diagnostica, monitoraggio per la conservazione e il restauro dei beni culturali, DTC Lazio. WP4 -CNR; Attendee to research unit ISB-CNR.  
2018 – Hyperion\_CN Italy, Integrated Project for the European Research Infrastructure ON Cultural Heritage call. galleria Nazionle di Arte Moderna e Contemporanea. Attendee to CNR research unit.
- 3. Name and address of employer** **The Metropolitan Museum of Art, 1000 Fifth Avenue, New York, USA**
- Dates (from – to) 01/09/2017- 28/11/2018
- Type of business or sector Cultural Institution  
Occupation or position held Research Associate, temporary staff Department of Scientific Research
- Main activities and responsibilities Grant NSF US. National Science Foundation; Award Number: 1608366. Project" Water mediated transport of ions and molecules in ionomeric paint films: an integrated multi-technique investigation".

<b>4. Name and address of employer</b>	<b>Istituto di Metodologie Chimiche (CNR)</b> , area di ricerca RM1, Via Salaria km.29,300, (RM), IT
Dates (from – to)	01/04/2010- 30/08/2017
Type of business or sector	Institute of research
Occupation or position held	Research scientist fixed-term (TD) (20/03/2013- 30/08/2017) Research fellow (01/04/2010-17/10/2012)
Main activities and responsibilities	2015-2017- <i>Project ITER; infrastrutture, metodologie chimiche, nuove tecnologie applicate allo sviluppo delle imprese. Attendee to research unit ISB-CNR. Regione Lazio L313/2008</i> 2016-2017 - <i>Hyperion-CH Italy, call. Project BIOREMP Tarquinia- Biorestauro per i dipinti murali, Principal investigator.</i> 2014 - <i>Museo Nazionale Preistorico ed Etnografico Pigorini; Project- analysis Tapa Polinesia, is. Wallis. MOSTRA MATISSE ARABESQUE.; PALAEXPO Pde- Area Direzione Amministrativa Uff. Mostre, Leader measurements campaign.</i> 2014- <i>Sovrintendenza Capitolina ai Beni Culturali- U.O. Intersectoriale programmazione grandi eventi, mostre, gestione del territorio, restauri, Projet: Restoration and analyses of materials from Fontana della Barcaccia, 2014, Leader measurements campaign.</i> 2013-2015- <i>Project Bandiera Fabbrica del Futuro (MIUR) MACAGEOPOLI. Attendee to CNR research unit.</i> 2014 - <i>Project "ACQUA" MIUR (CNR progetto premiale Dip. di Scienze Bio-agroalimentari) Attendee to WP4 "Improving drought resistance and WUE". Coordinator: Donatella Capitani (IMC-CNR).</i> 2014-2015 <i>Progetto Premiale Dip. Patrimonio Culturale CNR WP4 Task 4.1 SM@RTINFRA-SSHCH- Heritage EcosystemWorkpackage WP4 Joint Research Activities Task 4.1 "Diagnostic Smart System for the study and the monitoring of Cultural Heritage. (2014-2015). Attendee to CNR research unit</i> 2013 - <i>Zetema Progetto Cultura srl, Project fro analysys on wall paintings in Colombario, " Sepolcro degli Scipioni", Roma. Leader measurements campaign.</i> 2012-2013 - <i>Project S.I.C.A.M.O.R -PAR FAS Regione Toscana Sviluppo indagini Chimico Fisiche App. alle Opere di Restauro (2012-2013); Attendee to CNR research unit</i>

#### **EDUCATION AND TRAINING**

Dates (from – to)	2013
Name and type of organisation providing education and training	<b>Sapienza University of Rome</b>
Principal subjects	<i>Dissertation Title:" Advanced Nuclear Magnetic Resonance methodologies in Cultural Heritage"</i>
Title of qualification awarded	PhD in Applied Science for the Protection of Environment and Cultural Heritage (XXV cycle)
Level in National classification	Dottorato di ricerca
Dates (from – to)	2009
Name and type of organisation providing education and training	<b>Sapienza University of Rome</b>
Title of qualification awarded	Master degree in "Science and Technology for Cultural Heritage" (110 cum laude)
Level in National classification	Laurea specialistica (classe LS-12)
Dates (from – to)	2006
Name and type of organisation providing education and training	<b>Sapienza University of Rome</b>
Title of qualification awarded	Bachelor degree in "Science and Technology for Cultural Heritage, (110/110),
Level in National classification	Laurea triennale (classe L-41)

## RESEARCH ACTIVITIES

Research sectors

Staff of [Heritage Materials Science Group](#)

Staff of [Novel approaches and technologies for Heritage Conservation Lab](#)

Recent Scientific Activities

2026-2028 HORIZON-MSCA-2025-PF-01-01-Supervisor-coordinator "UMID-PC- Understanding Moisture-Induced Degradation in Painted Cultural Heritage"

2022-2023 [Brancacci Project](#), tutela, salvaguardia e valorizzazione degli affreschi di Masaccio, Masolino e Filippo Lippi della Cappella Brancacci a Firenze. Accordo di collaborazione tra CNR ISPC, Comune di Firenze e la Soprintendenza Archeologia, Belle Arti e Paesaggio per la città metropolitana di Firenze e le province di Pistoia e Prato SABAP. Attendee to CNR research unit

From 2022. Referenr NMR and HRDM for Access to E-RHIS MOLAB finanziato dal MUR(FOE E-RIHS IT e PON Ricerca e Innovazione

## ADDITIONAL INFORMATION

### FURTHER PERIODS ABROAD AND INTERNATIONAL COLLABORATIONS

2025-Collaboration, Prof. Laurence De Viguerie, Sorbonne University

2024Collaboration Prof. Silva Prati, University of Bologna

2022-Collaboration with Dr. Elena Badea, Advanced Research for Cultural Heritage Group (ARCH Lab), ICPI, Bucharest, Romania.

2018 visiting researcher at Univ. of Delaware, Prof. Cecil Dybowski Dep. of Chem. and Biochem., Delaware, USA

2018 visiting researcher at Brookhaven National Laboratory, Prof. Y. K. Chen-Wiegart, Upton, NY, USA.

2017 Collaboration with Prof. Davide Tanasi, Dep. History and Anthropology, Univ. of South Florida, USA

2014 visiting researcher at Aix-Marseille Univ., Prof. Stéphane Viel, France

### FELLOWSHIPS AND AWARDS

2014 EAGE *Ludger Mintrop Award*, EUROPEAN ASSOCIATION OF GEOSCIENTISTS AND ENGINEERS (EAGE).

2012 Best Poster, 6th General Intensive School on Conservation Science in Archeomaterials: from Diagnosis to Conservation" 24/07/2012- Geophysics Centre and Hercules Laboratory for the Study and Conservation of Cultural Heritage, University of Evora, Portugal.

2009 "GIOVANNI URBANI PRIZE", 2nd Edition, for the best M.Sc. thesis in the conservation science research field, Mnemosyne Institute- ASM Foundation, Italy.

### INVITED LECTURES AND GUEST EDITOR

2021 Guest editor of the Special Issue "Study and Characterization of Paintings: Materials, Artistic Techniques, and Conservation", Heritage, MDPI.

2020 Guest editor of the Special Issue "NMR in Cultural Heritage" MRC, 58(9), WILEY.

2020 59<sup>th</sup> Eastern Analytical Symposium, November 16-19, 2020. Conference, Talk: "Mobile NMR: a non-invasive nuclear magnetic resonance technique (NMR) for studying cultural heritage".

2018 Pratt's Science and Art Symposium V, Department of Mathematics and Science, Pratt Institute of Art, Brooklyn, NY, USA. Talk: "Characterizing Deterioration Processes in Paintings by Portable NMR".

2016 Symposium: "Angel under the Microscope. Physicochemical analysis of Nubian Wall Paintings" University of Warsaw and National Museum in Warsaw, Poland, 27-28 June 2016. Talk: "A Multi-Analytical Study of Detached Mural Paintings Belonging to the Pictorial Cycle of The Nubian Church of Sonqi Tino". Ref. Dobrochna Zielińska.

**REVIEWING ACTIVITIES** 2021 Scientific Evaluator USA-Israel Binational Science Foundation (BSF).

2019-present Heritage, MDPI. 2020-present Magnetic resonance in Chemistry 2018-present Journal of Cultural

Heritage, Elsevier. 2020 ACS Applied Polymer Materials 2019 Heritage science, Springer 2016-present Natural Products 2015 Microchemical Journal