



## Silvia Russo

**Date of birth:** 8 Apr 1988 | **Nationality:** Italian | **Phone number:**

(+1) 3466776726 (Mobile) | **Email address:** [scomegaia@gmail.com](mailto:scomegaia@gmail.com) | **Website:**

<https://change-itn.eu/> |

**Address:** Museum Of Fine Arts Houston, 5600 Fannin St, 77004, Houston, TX, United States (Work)

### WORK EXPERIENCE

1 JUN 2023 – CURRENT Houston, TX, United States

**ANDREW W. MELLON POSTDOCTORAL FELLOW IN CONSERVATION SCIENCE** MUSEUM OF FINE ARTS HOUSTON | THE MENIL COLLECTION

The Sarah Campbell Blaffer Foundation Center for Conservation

31 AUG 2019 – 31 DEC 2022 Neuchâtel, Switzerland

**MARIE SKŁODOWSKA CURIE PHD FELLOW ITN CHANGE** HAUTE ECOLE ARC CONSERVATION RESTAURATION - UNIVERSITY OF NEUCHÂTEL

Development of an imaging-based methodology for the study of the metal soap formation on painted metal surfaces.

31 OCT 2018 – 30 AUG 2019 L'Aquila, Italy

**RESEARCH FELLOW** UNIVERSITY OF L'AQUILA

Development of nanostructured conservation treatments and active coatings for metal and stone artworks

9 JAN 2017 – 29 JUN 2017 London, United Kingdom

**VISITING RESEARCHER** THE BRITISH MUSEUM - CONSERVATION AND SCIENTIFIC RESEARCH DEPARTMENT

Characterization of corrosion products of the Metal Conservation Reference Collection by means of XRF and XRD.

30 JUN 2016 – 29 SEP 2016 Rome, Italy

**TORNOSUBITO INTERVENTION PROGRAM FOR UNDERGRADUATE AND GRADUATE STUDENTS (REGIONE LAZIO E LAZIODISU)** CAPITOLINE SUPERINTENDENCE FOR CULTURAL HERITAGE, ROME (ITALY)

- Fully funded project titled "Preserving the heritage. Experiences of analyses of the state of preservation of metallic artefacts".
- Design of condition reports for the assessment of environmental parameters and conditions of metallic objects belonging to the collection of Museo di Roma (Palazzo Braschi), Museo Napoleonico e della Galleria d'Arte Moderna (GAM).

31 DEC 2015 – 30 MAY 2016 Ancona, Italy

**TORNOSUBITO INTERVENTION PROGRAM FOR UNDERGRADUATE AND GRADUATE STUDENTS (REGIONE LAZIO E LAZIODISU)** SUPERINTENDENCE FOR ARCHAEOLOGICAL GOODS

- Fully funded project titled "Preserving the heritage. Experiences of analyses of the state of preservation of metallic artefacts".
- Chemico-physical analyses on bronze artefacts. AAS, ICP, XRF and X-Rays Radiography.

3 APR 2016 – 3 MAY 2016 Roma, Italy

**SCIENCE LABORATORY LECTURER FOR PRIMARY SCHOOLS** YOCOUCU YOUTH IN CONSERVATION OF CULTURAL HERITAGE

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3 APR 2015 – 3 MAY 2015 Rome, Italy

**CONSERVATOR - RESTORER - INDEPENDENT CONTRACTOR** ÉCOLE FRANÇAISE DE ROME AT PALAZZO FARNESE

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Tapestry restoration.

5 MAY 2013 – 16 MAY 2013 Monte Argentario, Italy

**FURNITURE CONSERVATOR-RESTORER - INDEPENDENT CONTRACTOR** SAMA SCAVI ARCHEOLOGICI

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Furniture Restoration

30 SEP 2012 – 30 SEP 2014 Rome, Italy

**FURNITURE CONSERVATOR-RESTORER** ISTITUTO NAZIONALE DI ARCHEOLOGIA E STORIA DELL'ARTE ( INASA) AT PALAZZO VENEZIA

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Furniture, textiles and stone restoration.

## ● EDUCATION AND TRAINING

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31 AUG 2019 – 25 NOV 2022 Neuchatel, Switzerland

**MARIE SKŁODOWSKA CURIE PHD FELLOW ITN CHANGE** Haute Ecole Arc Conservation Restauration

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**Address** Espace de l'Europe, 11, 2000, Neuchatel, Switzerland | **Website** <https://change-itn.eu/>

8 NOV 2020 – 12 NOV 2020 Italy

**CHEMOMETRICS AND DESIGN OF EXPERIMENT SCHOOL** University of Genova

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- Multivariate analysis and multivariate Design of Experiments (DoE)
- Applications and collaborations on Cultural Heritage data

25 SEP 2016 – 24 OCT 2018

**ERASMUS MUNDUS MASTER PROGRAMME IN ARCHAEOLOGICAL MATERIAL SCIENCE (ARCHMAT) WITH SCHOLARSHIP FROM "SAPIENZA" UNIVERSITY OF ROME.** University of Évora, Aristotle University of Thessaloniki, Sapienza University of Rome

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**Final grade** 110/110 laude | **Number of credits** 120 |

**Thesis** Investigating and preserving archaeological metal finds from Aquileia and Torcello (Italy)

12 AUG 2018 – 16 AUG 2018 Netherlands

**SUMMER SCHOOL COURSE ON CHEMOMETRICS** Radboud University

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Intriduction to Advanced Chemical Data Analysis

20 SEP 2016 – 22 SEP 2016 Messina, Italy

**NATIONAL SCHOOL "SCIENCE AND CULTURAL HERITAGE. FROM NON-INVASIVE ANALYSIS TO 3D RECONSTRUCTION".** University of Messina Department of Matematics and Informatics, Physics and Earth Science

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28 FEB 2016 – 4 AUG 2016 Ancona, Italy

**SPECIALIZATION COURSE "ENGINEERING FOR MUSICAL INSTRUMENTS"** Università Politecnica delle Marche

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## BSC IN CHEMISTRY "Sapienza" University of Rome, Rome (Italy)

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- Physical and Materials Chemistry
- Thesis in collaboration with ISCR (Superior Institute for Conservation and Restoration, Rome, Italy)

**Number of credits** 180 | **Thesis** Characterization of Yellow Pigments for Artistic Uses

16 OCT 2012 – 29 JUL 2013 Rome, Italy

**PAPER RESTORATION** Private lessons - Silvia Puteo

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Books and prints. Cleaning and binding of ancient and modern volumes.

30 SEP 2010 – 29 JUN 2012

**CONSERVATION-RESTORATION DIPLOMA** Arts and Crafts School "Nicola Zabaglia" - Municipality of Rome, Rome (Italy)

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Ancient heritage conservation: paintings on canvas and panel paintings, coins and archaeological ceramics.

30 SEP 2009 – 29 JUN 2010 Rome, Italy

**PAINTINGS RESTORATION** "Lignarius" Art and Restoration Association

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### ● **DIGITAL SKILLS**

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Microsoft Office | R / R Studio / R Markdown | LaTeX (basic) | Matlab (basic)

### ● **LANGUAGE SKILLS**

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Mother tongue(s): **ITALIAN**

Other language(s): **ITALIAN SIGN LANGUAGE BRITISH SIGN LANGUAGE**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>FRENCH</b>	B2	B2	A2	A2	A2
<b>PORTUGUESE</b>	A2	A2	A2	A2	A2
<b>SPANISH</b>	B1	B1	A2	A2	A1
<b>DUTCH</b>	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

### ● **ADDITIONAL INFORMATION**

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#### **CONFERENCES AND SEMINARS**

1 SEP 2019 – 5 SEP 2019 – Neuchatel

**9th Interim Meeting of the ICOM-CC Metals Working Group - Metal2019**

Link <https://metal2019.org/>

17 JAN 2021 – 18 JAN 2021

**Journée ICOM Métal France** Métal : support de décor ou élément du décor : Approches et Traitements pour leur Conservation

Link [https://www.loire-atlantique.fr/44/culture-et-patrimoine/journee-icom-metal-france/c\\_1358342](https://www.loire-atlantique.fr/44/culture-et-patrimoine/journee-icom-metal-france/c_1358342)

30 NOV 2021 – 2 DEC 2021

**CollectionCare - New challenges in preventive conservation, predictive analysis and environmental monitoring** "2D chemical imaging for the monitoring of the formation of metal soaps on oil-painted copper and zinc substrate"

**Link** <https://www.collectioncare.eu/conference/>

27 APR 2022 – 29 APR 2022 – online

**Computational approaches for technical imaging in cultural heritage (7th IP4AI meeting)** "Monitoring metal soaps formation on painted metals: challenges in processing reflectance FTIR time-series chemical images in absence of sharp features"

**Link** [www.art-ict.github.io/artict/Conference.html](http://www.art-ict.github.io/artict/Conference.html)

9 JUL 2022 – 15 JUL 2022 – Les Diablerets

**Gordon Research Conference and Seminar (GRC/GRS)** "Analysis and assessment of degradation of polychrome metal artefacts"

5 SEP 2022 – 9 SEP 2022 – Helsinki, Finland

**10th Interim Meeting of the ICOM-CC Metals Working Group - Metal2022** "Revealing the Degradation Patterns: Imaging Techniques for the Study of the Formation of Metal Soaps on Painted Metal Objects"

**Link** <https://metal2022.org/>

6 NOV 2023 – 8 NOV 2023 – Houston, TX

**Western Association for Art Conservation (WAAC) 2023 Annual Meeting** "Breaking the Toxic Addiction- Sustainable Research at the MFAH"  
Soraya Alcala, Silvia Russo and Per Knutås

## **NETWORKS AND MEMBERSHIPS**

2020 – CURRENT

**AIC - FAIC American Institute of Conservation and Foundation for Advancements in Conservation** AIC Imaging Working Group Wiki Editor: infrared radiation imaging working group and metadata working group

**Link** <https://www.conservation-wiki.com/wiki/Category:Imaging>

2019 – CURRENT

**IIC INTERNATIONAL INSTITUTE FOR CONSERVATION OF HISTORIC AND ARTISTIC WORKS**

2018 – CURRENT

**ICOM ITALIA - Student member**

2016 – CURRENT

**Royal Society of Chemistry - AMRSC 637458**

## **VOLUNTEERING**

2014 – 2015 Rome

**National Library**

2014 – 2015 Rome

**Rebibbia Jailhouse**

## **PUBLICATIONS**

**[But aren't all soaps metal soaps? A review of applications, physico-chemical properties of metal soaps and their occurrence in cultural heritage studies](#)**

– 2023

Russo, S., Brambilla, L., Thomas, J.B. *et al.* 2023. But aren't all soaps metal soaps? A review of applications, physico-chemical properties of metal soaps and their occurrence in cultural heritage studies. *Herit Sci* **11**(172).

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Silvia Russo, Laura Brambilla, Jean Baptiste Thomas & Edith Joseph

**Revealing degradation patterns: imaging techniques for the study of metal soap formation on painted metal objects.**

– 2022

Russo S., Brambilla L., Thomas J.B., and Joseph E. 2022. Revealing degradation patterns: imaging techniques for the study of metal soap formation on painted metal objects. In: *Proceedings of the interim meeting of the ICOM-CC Metal Working Group, Helsinki, 5–9 September 2022.*

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**Innovative approaches towards a green and sustainable metal conservation – 2020**

Joseph E., Albelda-Berenguer M., Cornet E., Cuvillier, L., James S., Mathys L., Monachon M., Passaretti A. and Russo S. (2020). Innovative approaches towards a green and sustainable metal conservation. *Chimia*, 74(611). doi:10.2533/chimia.2020.611.

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**2D Chemical Imaging for the Monitoring of the Formation of Metal Soaps on Oil-Painted Copper and Zinc Substrates**

– 2022

Russo S., Brambilla L., Thomas J.B., and Joseph E. 2022. 2D Chemical Imaging for the Monitoring of the Formation of Metal Soaps on Oil-Painted Copper and Zinc Substrates. In: *Preventive Conservation, Predictive Analysis and Environmental Monitoring*. E. Bosco, L. Fuster-Lopez, and A. Perles, eds. Springer [submitted].

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**AUTHORISATIONS**

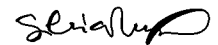
**Dati personali**

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Autorizzo il trattamento dei dati personali secondo D.Lgs.196/2003 e Regolamento UE 679/2016

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Houston, Texas (USA) , 10 Jan 2024



Silvia Russo