Personal Information

Name	STAGNO Valeria
Address	via trifolle 7 - 03040 - Ausonia (FR)
E-mail	stagnovaleria.vs@gmail.com
Nationality	ITALIAN
Date of Birth	26/06/1994

Education

Date	13/12/2018
Title	Master degree
Description	Scienze per la conservazione dei beni culturali
Grade	110/110 cum laude
Title of the thesis	STUDY OF WOOD MICROSTRUCTURES BY DIFFUSION AND MULTI-PARAMETRIC NUCLEAR MAGNETIC RESONANCE
Graduation Class	LM-11 Scienze per la conservazione dei beni culturali
Name and address of the institution	University of Rome "La Sapienza" - P.zza Aldo Moro, 5 - ROMA
Date	29/09/2016
Title	Bachelor degree
Description	Tecnologie per la conservazione ed il restauro dei beni culturali
Grade	110/110
Title of the thesis	New imaging protocols in nuclear magnetic resonance for the study of wood microstructure
Graduation Class	L-43 Diagnostica per la conservazione dei beni culturali
Name and address of the institution	University of Rome "La Sapienza" - P.zza Aldo Moro, 5 - ROMA
Date	30/06/2013
Title	High school diploma
Description	Scientific high school
Grade	90/100
Name and address of the institution	Liceo scientifico G. Pellecchia - Via S. Angelo, 03043 Cassino FR
Type of institution	Second grade secondary school/high school

Experience

Period	01/11/2019 - today
Position	Doctorate
Type of activity	PhD in Earth Sciences-curriculum Environment and Cultural Heritage
Name and address of the institution	University of Rome "La Sapienza" - P.zza Aldo Moro, 5 - ROMA
Structure	Dept. L.240/2010 Earth Sciences
PhD Title	EARTH SCIENCES
Period	05/09/2019 - 31/10/2019
Position	Stage
Qualification	Intern
Type of activity	Modern and archaeological wood characterization by using NMR techniques on high- and low-field spectrometer
Name and address of the institution	National Research Council - Piazzale Aldo Moro, 7 - Roma
Structure	Istitute for Complex Systems
Period	04/03/2019 - 31/08/2019
Position	Stage
Qualification	Intern
Type of activity	Researcher in the NMR research group. Experimental NMR unit member. Acquisition of experiments and data elaboration. Study of archaeological wood by NMR techniques.
Name and address of the institution	University of Oulu - Pentti Kaiteran katu 1, 90570
Type of institution	Foreign university

Period	01/01/2018 - 28/02/2019
Position	Stage
Qualification	Intern
Type of activity	Improvement in the use of software for the NMR data elaboration and acquisitions. High resolution and molecular diffusion NMR data in porous media (archaeological wood).
Name and address of the institution	National Research Council - Piazzale Aldo Moro, 7 - Roma
Structure	Istitute for Complex Systems
Period	01/04/2016 - 29/09/2016
Position	Stage
Qualification	Intern
Type of activity	software development of new protocols for the acquisition of digital images in nuclear magnetic resonance on wooden materials
Name and address of the institution	National Research Council - Piazzale Aldo Moro, 7 - Roma
Structure	Istitute for Complex Systems

Scientific Publications

STAGNO V, Egizi F., Corticelli F., Morandi V., Valle F., Costantini G., Longo S., Capuani S. Microstructural features assessment of different waterlogged wood species by NMR diffusion validated with complementary techniques. MAGNETIC RESONANCE IMAGING, vol. 83, ISSN: 0730-725X, doi: 10.1016/j.mri.2021.08.010

STAGNO V, Mailhiot Sarah, Capuani Silvia, Galotta Giulia, Telkki Ville-Veikko (in stampa). Testing 1D and 2D single-sided NMR on Roman Age waterlogged woods. JOURNAL OF CULTURAL HERITAGE, ISSN: 1296-2074

Stagno, Valeria, Genova, Chiara, Zoratto, Nicole, Favero, Gabriele, Capuani, Silvia (2021). Single-Sided Portable NMR Investigation to Assess and Monitor Cleaning Action of PVA-Borax Hydrogel in Travertine and Lecce Stone. MOLECULES, vol. 26, ISSN: 1420-3049, doi: 10.3390/molecules26123697

Valeria Stagno, Sarah Milhiot, Silvia Capuani, Giulia Galotta, Ville-Veikko Telkki (2021). Testing 1D and 2D single-sided NMR on Roman Age waterlogged woods. JOURNAL OF CULTURAL HERITAGE, ISSN: 1296-2074

Silvia Capuani, STAGNO V, Mauro Missori, Laura Sadori, Sveva Longo (2020). High-resolution multiparametric MRI of contemporary and waterlogged archaeological wood. MAGNETIC RESONANCE IN CHEMISTRY, ISSN: 0749-1581, doi: 10.1002/mrc.5034

Silvia Capuani, Valeria Stagno, Mauro Missori, Laura Sadori, Sveva Longo (2020). High-resolution multiparametric MRI of contemporary and waterlogged archaeological wood. MAGNETIC RESONANCE IN CHEMISTRY, ISSN: 0749-1581, doi: 10.1002/mrc.5034

Valeria Stagno, Sarah Mailhiot, Ville-Veikko Telkki, Silvia Capuani (2020). NMR PROTOCOL FOR MULTISCALE CHARACTERIZATION OF ARCHAEOLOGICAL WATERLOGGED WOOD. In: Young Professionals Forum Proceedings 2020. p. 105, CCR La Venaria Reale, Sagep Editori, Torino

Valeria Stagno, Sveva Longo, Silvia Capuani (2020). Effect of age on Pine wood microstructure studied by micro-MRI and diffusion-NMR. In: Proceedings of IMEKO TC-4 2020 International Conference on Metrology for Archaeology and Cultural Heritage. p. 570-574, IMEKO-International Measurement Federation Secretariat, ISBN: 978-92-990084-9-2, TRENTO