

Allegra Conti, PhD

Curriculum Vitae

Personal information

Surname / First name: Conti Allegra

Email: allegra.conti@uniroma2.it

Education

“Dottorato di ricerca o equipollenti ovvero, per i settori interessati, diploma di specializzazione medica o equivalente, conseguiti in Italia o all'estero”

January 2013/ December 2015: Ph.D. in Functional Neuroimaging (Neuroimaging funzionale: strumenti, metodi e modelli per lo studio delle relazioni mente-cervello-comportamento), “G. D’Annunzio” University of Chieti and Pescara, Chieti, Italy.

Title: *Nuclear Magnetic Resonance relaxometry and diffusometry in presence of paramagnetic and diamagnetic sources in biological samples.*

Supervisor : Prof. Stefania Della Penna.

Grade : *Excellent cum laude*

October 2012: M. S. in Physics “Sapienza” University, Rome, Italy.

Title: *Caratterizzazione NMR delle alterazioni strutturali e dei meccanismi di idratazione della cellulosa amorfa nella carta acidificata.*

Supervisor: Prof. Francesco De Luca.

Grade: *110/110 cum laude*

Additional Education

- “Animali utilizzati a fini scientifici: funzione a), b) c) e d) del DM 5 agosto 2021” (Mus Musculus, Rattus norvegicus)
- University Degree & Authorization in animal experimentation (Level I) of laboratory animals, École nationale vétérinaire d'Alfort, Paris (France).
- Bruker course ‘Method Programming with PV 6.0’.
- Bruker course ‘Working with PV 6.0’.
- Machine Learning Course (Stanford University-Coursera).

Professional Experience

“Documentata attività di formazione o di ricerca presso qualificati istituti italiani o stranieri”

January 2022/Today: Researcher (“Ricercatore a tempo determinato di tipo A - RtdA), University of Rome Tor Vergata, Rome, IT

December 2019/December 2021: Post-Doctoral fellow (“Assegno di ricerca”) at University of Rome “Tor Vergata”

August 2018/December 2019: Research Staff at IRCCS Santa Lucia Foundation, Rome, Laboratory of Neuromotor Physiology.

August 2016/July 2018: Research Staff - individual fellowship: Marie Skłodowska-Curie Action Enhanced Eurotalent-ICF (Panel: Life sciences and biotechnology) at NeuroSpin, Paris-Saclay CEA center

January 2016/August 2016: Ingénieur Chercheur (Researcher) at NeuroSpin, Paris-Saclay CEA center

December 2014/August 2015: Visiting PhD student at NeuroSpin, in the Paris-Saclay CEA center

Teaching Activity

“Attività didattica a livello universitario in Italia o all’Estero”

1. University G. D’Annunzio of Chieti and Pescara, Corso di Laurea Medicina E Chirurgia (Medicine and Surgery), Applied Physics, Tutoring Activity (A.A.2013-2015, Tot. number of hours: 150)
2. Saint Camillus International University of Health and Medical Sciences, Physics, Corso di Laurea Medicina E Chirurgia (Medicine and Surgery), “Cultore della materia”, Rome (A.A.2018-2019)
3. Saint Camillus International University of Health and Medical Sciences, Physics, Corso di Laurea in Tecniche di Radiologia Medica (Techniques of Medical Radiology), “Cultore della materia”, Rome (A.A.2018-2019)
4. University of Rome Tor Vergata, Corso di Odontoiatria e Protesi Dentaria (Dentistry and Dental Prosthetics), Applied Physics, “Cultore della materia”, Rome (A.A.2018-2019)
5. University of Rome Tor Vergata, Corso di Laurea Triennale in Tecniche Diagnostiche di Neurofisiopatologia, Applied Biophysics, “Cultore Della Materia” (A.A.2018-2019)
6. University of Rome Tor Vergata, Corso di Laurea Triennale in Tecniche Diagnostiche di Neurofisiopatologia, Applied Biophysics, “Seminari didattici”, (A.A.2018-2019, Tot. number of hours: 16)
7. University of Rome Tor Vergata, Corso di Laurea Triennale in Tecniche Diagnostiche di Neurofisiopatologia, Applied Biophysics, “**Professore a contratto**” (1 C.F.U. A.A.2019-2020)
8. University of Rome Tor Vergata, Corso di Odontoiatria E Protesi Dentaria (Dentistry and Dental Prosthetics), Applied Physics, “Cultore della materia”, Rome (A.A.2019-2020)
9. University of Rome Tor Vergata, School of Medicine and Surgery (English Language), Applied Physics, “Cultore della Materia” (A.A.2019-2020)
10. University of Rome Tor Vergata, School of Medicine and Surgery (English Language), Applied Physics, “**Professore a contratto**”(3 C.F.U. A.A.2020-2021)
11. University of Rome Tor Vergata, Corso di Laurea Triennale in Tecniche Diagnostiche di Neurofisiopatologia, Applied Biophysics, “**Professore a contratto**” (2 C.F.U. A.A.2020-2021)
12. University of Rome Tor Vergata, Corso di Odontoiatria e Protesi Dentaria (Dentistry and Dental Prosthetics), Physics, “**Professore a contratto**” (2 C.F.U. A.A.2020-2021)
13. University of Rome Tor Vergata, Corso di Laurea in Medicina e Chirurgia (Medicine and Surgery), Applied Physics, “**Professore a contratto**” (2 C.F.U. A.A.2021-2022)
14. University of Rome Tor Vergata, Corso di Odontoiatria e Protesi Dentaria (Dentistry and Dental Prosthetics), Applied Physics 1, “**Professore a contratto**” (2 C.F.U. A.A.2021-2022)
15. University of Rome Tor Vergata, Corso di Laurea Triennale in Tecniche Diagnostiche di Neurofisiopatologia, Applied Biophysics, “**Professore a contratto**” (2 C.F.U. A.A.2021-2022)
16. University of Rome Tor Vergata, School of Medicine and Surgery (English Language), Applied Physics, “**Professore a contratto**” (2 C.F.U. A.A.2021-2022)
17. University of Rome Tor Vergata, Corso di Laurea in Medicina e Chirurgia (Medicine and Surgery), Applied Physics, “**Professore a contratto**” (2 C.F.U. A.A.2022-2023)
18. University of Rome Tor Vergata, Corso di Odontoiatria e Protesi Dentaria (Dentistry and Dental Prosthetics), Applied Physics 1, “**Professore a contratto**” (2 C.F.U. A.A.2022-2023)
19. University of Rome Tor Vergata, Corso di Laurea Triennale in Tecniche Diagnostiche di Neurofisiopatologia, Applied Biophysics, “**Professore a contratto**” (2 C.F.U. A.A.2022-2023)
20. University of Rome Tor Vergata, School of Medicine and Surgery (English Language), Applied Physics, “**Professore a contratto**” (2 C.F.U. A.A.2022-2023)
21. University of Rome Tor Vergata, Corso di Laurea in Medicina e Chirurgia (Medicine and Surgery), Applied Physics, “**Professore a contratto**” (2 C.F.U. A.A.2023-2024)

22. University of Rome Tor Vergata, Corso di Odontoiatria e Protesi Dentaria (Dentistry and Dental Prosthetics), Applied Physics 1, “**Professore a contratto**” (2 C.F.U. A.A.2023-2024)
23. University of Rome Tor Vergata, Corso di Laurea Triennale in Tecniche Diagnostiche di Neurofisiopatologia, Applied Biophysics, “**Professore a contratto**” (2 C.F.U. A.A.2023-2024)
24. University of Rome Tor Vergata, School of Medicine and Surgery (English Language), Applied Physics, “**Professore a contratto**” (2 C.F.U. A.A.2023-2024)

Awards and Prizes [Latest 5]

“Premi e riconoscimenti nazionali e internazionali per attività di ricerca”

1. MSCA Seal of Excellence, received by the European Commission (2019)
2. Best Oral Presentation in the Biophysics and Medical Physics Session at the national conference of the Italian Physical Society, SIF, 2019
3. GIDRM under 35 award (4.th edition, 2019)
4. GIDRM grants di partecipazione al XLVIII National Congress on Magnetic Resonance L’Aquila dall’11 al 13 settembre 2019
5. Best posters list at the Italian Chapter of ISMRM, Milan, Italy, (2019)

Member of scientific societies:

1. Institute of Electrical and Electronics Engineers - IEEE
2. International Society for Magnetic Resonance in Medicine- ISMRM
3. International Symposium on Therapeutic Ultrasound- ISTU
4. Gruppo Italiano Discussione Risonanze Magnetiche- GIDRM
5. Societa’ Italiana di Fisica- SIF

Reviewer for Peer-Reviewed Journals

Examples: Neuroimage, Theranostics, Frontiers in Systems Neuroscience, International Journal of Nanomedicine, Advances and Applications in Bioinformatics and Chemistry, Biologics: Targets and Therapy, Reports in Medical Imaging, Computational and Mathematical Methods in Medicine (Hindawi), Applied Science, Innovation and Research in BioMedical Engineering, Journal of International Medical Research

Reviewer for international conferences

International Society for Magnetic Resonance in Medicine (ISMRM); Engineering in Medicine and Biology (EMBC)

Editor for Peer-Reviewed Journals

Guest editor for *Frontiers in Physics*, *Frontiers in Physiology*, *Computational and Mathematical Methods in Medicine*, Entropy, Pharmaceutics, Materials, Brain Sciences, Future Pharmacology,