

Alessia Bonavita

Employment History

- Research assistant, University of Roma "La Sapienza", Rome, Italy
Mar, 2023 - Feb 2024
Project title: "Longitudinal assessment of normal and pathological cognitive aging: the relationship between performances on memory tests and performances on spatial orientation and social orientation tests"

Education

- Admission to practice as a Psychologist at the Professional Association of Psychologists
Jun, 2021. Registration Number 26734
- Ph. D. Program in Behavioral Neuroscience at the University of Roma "La Sapienza", Rome, Italy
Nov, 2019 – 2022
- Master's Degree in Cognitive Neuroscience and Psychological Rehabilitation at the University of Roma "La Sapienza", Rome, Italy
Sep, 2015 - Jul, 2018
- Bachelor's Degree in Psychological Sciences and Techniques for Analysis and Clinical Evaluation of Cognitive Processes at the University of Roma "La Sapienza", Rome, Italy
Sep, 2010 - Mar, 2015

Internships

- Post-Graduate Internship at the University of Roma "La Sapienza", Rome, Italy
Mar, 2019 - Sep, 2019
- Post-Graduate Internship at IRCCS Fondazione Santa Lucia, Rome, Italy
Sep, 2018 - Mar, 2019

Courses

- Covid-19 Risk Prevention and Management at the University of Roma "La Sapienza", Rome, Italy
Apr, 2021 - Apr, 2021
- MRI safety issues for Siemens Prisma 3T at IRCCS Fondazione Santa Lucia, Rome, Italy
Jun, 2020 - Jun, 2020
- Course on scientific technical writing at the University of Roma "La Sapienza", Rome, Italy
Feb, 2019 - Feb, 2019

- MRI safety issues for Tomographers: PHILIPS ACHIEVA 3 T and INGENIA 1,5 T at IRCCS Fondazione Santa Lucia, Rome, Italy
Jun, 2018 - Jun, 2018
- The risk in health facilities at the University of Roma "La Sapienza", Rome, Italy
Mar, 2017 - Mar, 2017

Grants

- Starting grant funded by University of Roma "La Sapienza", Rome, Italy
2021
Project title: Neurocognitive correlates of individual differences in spatial navigation: a behavioral and neuroimaging study

Publications

- Bonavita, A., Bellagamba, M., Verde, P., Boccia, M., & Guariglia, C. (2023). The Effect of Cognitive Style on Individual Differences in Prismatic Adaptation: A Pilot Study. *Brain Sciences*, 13(4). <https://doi.org/10.3390/brainsci13040641>
- Teghil, A., Bonavita, A., Procida, F., Giove, F., & Boccia, M. (2023). Intrinsic hippocampal connectivity is associated with individual differences in retrospective duration processing. *Brain Structure and Function*, 228(2), 687–695. <https://doi.org/10.1007/s00429-023-02612-3>
- Teghil, A., Bonavita, A., Procida, F., Giove, F., & Boccia, M. (2022). Temporal Organization of Episodic and Experience-near Semantic Autobiographical Memories: Neural Correlates and Context-dependent Connectivity. *Journal of Cognitive Neuroscience*, 34(12), 2256-2274.
- Bonavita, A., Teghil, A., Pesola, M. C., Guariglia, C., D'Antonio, F., Di Vita, A., Boccia, M. (2022). Overcoming the Navigational Challenges: a Novel Approach to the Study and Assessment of Topographical Orientation. *Behavior Research Methods*.
- Teghil, A., Bonavita, A., Guariglia, C., & Boccia, M. (2021). Commonalities and specificities between environmental navigation and autobiographical memory: A synthesis and a theoretical perspective. *Neuroscience & Biobehavioral Reviews*, 127, 928–945. <https://doi.org/10.1016/j.neubiorev.2021.06.012>
- Boccia, M., Bonavita, A., Diana, S., Di Vita, A., Ciurli, M. P., & Guariglia, C. (2019). Topographical Disorientation: Clinical and Theoretical Significance of Long-Lasting Improvements Following Imagery-Based Training. *Frontiers in Human Neuroscience*, 13. <https://doi.org/10.3389/fnhum.2019.00322>
- Teghil, A., Boccia, M., Bonavita, A., & Guariglia, C. (2019). Temporal features of spatial knowledge: Representing order and duration of topographical information. *Behavioural Brain Research*, 376, 112218. <https://doi.org/10.1016/j.bbr.2019.112218>

Oral presentations

- Bonavita A., Pirri L., Ciurli M. P., Incoccia C., Teghil A., Boccia M.. Impact of Traumatic Brain Injury on different formats of topographical representation. "Advances in memory processes in healthy

and pathological ageing: spatial and semantic mechanisms" workshop 26-27 may 2022, University of Roma "La Sapienza"

Poster presentations

- Bonavita A., Pirri L., Ciurli M. P., Incoccia C., Teghil A., Boccia M.. Impact of Traumatic Brain Injury on different formats of topographical representation. 4th Interdisciplinary Navigation Symposium (iNAV) 15 - 16 june 2022
- Bonavita A., Teghil A., Guariglia C., Boccia M.. On the road of memory: investigating the relationship between memory, spatial navigation and Déjà-vu. XXIX congress of the Italian Society of Psychophysiology and Cognitive Neuroscience (SIPF) 30 sept - 2 oct 2021, Palermo.
- Boccia M., Bonavita A., Diana S., Di Vita A., Ciurli M. P., Guariglia C.. No longer lost: theoretical and clinical insights from neuropsychological rehabilitation of acquired topographical disorientation. 7th Meeting of the Federation of the European Societies of Neuropsychology (FESN) 5-7 sept 2019, Milan.