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Exploring the relationship between metacontrol and global/local processing: insights from intra- and inter-individual variability

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Curriculum Vitae

Alberto De Luca was born on May 10th, 1994 in Rieti, Italy. After completing his secondary education at Ippolito Niveo Liceo Padova in 2013, where he obtained his Atheneum diploma, he developed a keen interest in psychology. This led him to enroll at Padova University to pursue his studies, where he earned his Bachelor's degree in Psychology in 2016. During his Master's degree in Applied Cognitive Psychology, he was fortunate to conduct his sperimental thesis in Leiden University, which offered him a rich academic experience and the opportunity to work alongside leading researchers in the field.

After obtaining his master's degree in 2018, De Luca worked as a research assistant at the Cognitive Psychology Unit at Leiden University, where he had the opportunity to work closely with Professor Bernhard Hommel. De Luca was inspired by Hommel's research, which led him to pursue a PhD project focused on metacontrol. His time at Leiden University allowed him to develop his research skills and embark on a project that aimed to gain a deeper understanding of the mechanisms that govern human cognition and decision-making.

List of publications

Published work

De Luca, A., Verschoor, S., & Hommel, B. (2022). The transfer of global and local processing modes. *Journal of Experimental Psychology: Human Perception and Performance*. Advance online publication. <https://doi.org/10.1037/xhp0001033>

De Luca, A., Verschoor, S., & Hommel, B. (2022a). No Correlation between mood or motivation and the processing of global and local Information. *Experimental Psychology*, 69(5), 253–266. <https://doi.org/10.1027/1618-3169/a000562>

Warren, C. V., Maraver, M. J., De Luca, A., & Kopp, B. (2020). The Effect of Transcutaneous Auricular Vagal Nerve Stimulation (taVNS) on P3 Event-Related Potentials during a Bayesian Oddball Task. *Brain Sciences*, 10(6), 404. <https://doi.org/10.3390/brainsci10060404>

Work submitted for publication

De Luca, A., Verschoor, S., & Hommel, B. (submitted). The relationship between interindividual differences and global/local processing.

De Luca, A., Zhang, C., Verschoor, S., & Hommel, B. (submitted). Ego Does Not Deplete Over Time.

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