

Curriculum Vitae
SALVATORE GAETANO CHIARELLA

PERSONAL INFO: First Name: Salvatore Gaetano
Surname: Chiarella
City: Rome

CURRENT POSITION:

2021 Postdoc researcher within the Project: “Implicit and explicit processes in learning and imitation: the role of intentionality” (144/2021), SSD M-PSI/01. Supervisor: Prof. Enrico Di Pace, “Consciousness and Cognition” Laboratory. Department of Psychology, Sapienza University of Rome.

EDUCATION:

2020 Ph.D in Psychology and Cognitive Science at Department of Psychology, Sapienza University of Rome. “Consciousness and Cognition” lab led by Professor A. Raffone. Research topics: Selective Attention and Visual Awareness; Self-Referential Processing and Mindfulness Meditation.

2019 Qualification to the Profession of Psychologist at Sapienza University of Rome.

2015 Master’s Degree in Cognitive Neuroscience and Psychological Rehabilitation at the Department of Psychology, Sapienza University of Rome, Italy. Title of the final thesis: Iconic Memory and Attention. Supervisor: Prof. E. Di Pace.

2011 Bachelor’s Degree in Psychological Sciences and Techniques of normal and pathological cognitive processes at the Department of Psychology, Sapienza University of Rome, Italy. Title of the final thesis: Time perception: Empirical evidence. Supervisor: Prof. E. Di Pace.

POSTGRADUATE COURSES AND TRAINING:

2019 International Scholar at KU Leuven (BE). Faculty of Psychology and Educational Sciences, at the Perceptual Dynamic Lab (PDL). Supervisors: Prof. Cees van Leeuwen and Prof. Johan Wagemans. Research project: “Neural model of perceptual awareness of grouping with dot lattices: perceptual decision and reversible grouping”. Leuven, Belgium. May 1st - November 1st

2018 Course on EEG data pre-processing with BrainVision Analyzer 2, held by Dr. Juliana Jordanova and Dr. Vasil Kolev at the Institute of Neurobiology of Bulgarian Academy of Science (BAS). Sofia, Bulgaria. October 23rd – 27th

- 2018 Online course on EEG data processing with BrainVision Analyzer 2 held by Dr. Juliana Jordanova and Dr. Vasil Kolev. June 8th – 13th
- 2017 Summer School “Empathy and Compassion: Contemplative Practices, Neuroscience and Clinical Implications” organized by Professor A. Raffone and Professor S. M. Aglioti. Gerace, Italy. June 10th – 14th
- 2017 Workshop on BrainVision Analyzer 2 for EEG data analyses, held by Gianluca Rubino, scientific consultant at Brain Product GmbH. Rome, Italy. May 4th
- 2017 Frontal course on EEG system setup, held by Dr. Federica Mauro at Sapienza University of Rome. April - June
- 2016 Postgraduate Internship at the Department of Psychology, Sapienza University of Rome with AgliotiLab (Social and Cognitive Neuroscience Laboratory), Rome, Italy. Supervisor: E. Di Pace. *Topic*: Binocular Rivalry and Sense of Agency. March 15th – September 15th
- 2015 Postgraduate Internship in Cognitive Psychology at the Department of Psychology, Sapienza University of Rome with ISTC Institute of Cognitive Sciences and Technologies – CNR, Rome, Italy. Supervisor: E. Di Pace. *Topic*: Iconic Memory and Spatial Attention. September 15th (2015) – March 15th (2016)

PROFESSIONAL EXPERIENCE:

- 2021 Member of the Scientific and Organizing Committee of “ICSC 2021 - 8th International Conference on Spatial Cognition (ICSC) – Cognition and Action in a Plurality of Spaces”. ECONA - Centro Interuniversitario di Ricerca sulla Elaborazione Cognitiva in Sistemi Naturali ed Artificiali. Department of Psychology, Sapienza University of Rome, Italy.
- 2020 Research Collaborator within the European Project “EqualCity” (859/2020). Supervisor Prof. Antonino Raffone. Department of Psychology, Sapienza University of Rome. May 2020 - ongoing
- 2020 Research Collaborator within the project “Neurocognitive and molecular effects of mind-body practices: an integrated approach” (538/2020). Supervisor Prof. Antonino Raffone. Department of Psychology, Sapienza University of Rome. March 1st – September 1st
- 2019 External Research Collaborator at CNR - ISTC (Institute of Cognitive Sciences and Technologies). Research project “Mapping spatial neglect symptoms in the brain: A study combining behavioural data, functional neuroimaging, and computational modelling” (N. 192/2019). Supervisor Dr. Luca Simione. Rome. November 1st - January 31
- 2019 Research Collaborator within the project “Do we prefer a painting made by a human being or one made by artificial intelligence?”. A research project by Numero Cromatico and BrainSigns spin-off company in Sapienza University of Rome. Supervisor Prof. F. Babiloni. Rome. October 2019

- 2019 Tutoring Activity. Department of Psychology, Sapienza University of Rome (Prot. n. 2581).
- 2018 Member of the Local Organizing Committee of the “7th International Conference on Spatial Cognition (ICSC) – Spatial Cognition in a Multimedia and Intercultural World”. ECONA - Centro Interuniversitario di Ricerca sulla Elaborazione Cognitiva in Sistemi Naturali ed Artificiali, Department of Psychology, Sapienza University of Rome, Italy.
- 2018 Member of the Organizing Committee for the Conference: “Buddhist Meditation and Neuroscience”. Sapienza University of Rome, Italy. April 14th
- 2018 “Self-awareness and Meditation. EEG data collection”. Research project led by Professor Antonino Raffone (Sapienza University of Rome) and Henk Barendregt (Radboud University). Supported by Insight Meditation Investigation Foundation (IMI). Rome, Italy. August 17th - September 2nd
- 2017 “Mindfulness, Meditation and Wellness”. Research project led by Professor Antonino Raffone. A project with Regina Coeli prison staff, approved by the Ministry of Justice, Rome, Italy. September
- 2017 “Self-Awareness and Meditation: Behavioral data collection”. Research project led by Professor Antonino Raffone (Sapienza University of Rome) and Henk Barendregt (Radboud University). Supported by Insight Meditation Investigation Foundation (IMI). Rome, Italy. August 16th - September 3rd
- 2016 Co-Founder of Numero Cromatico - Laboratory for Empirical Research on the relationship between Art and Science. Rome, Italy. January – ongoing.
- 2015 Member of the editorial board of Nodes Magazine, Journal of Art and Neuroscience. Numero Cromatico Editore, Rome, Italy. June – ongoing.

TEACHING ACTIVITY:

- 2020 Lesson “Visual Consciousness between Art and Neuroscience” at Quasar Institute for Advanced Design, Rome. December 15th
- 2020 Teaching activity (20 hours) (M-PSI/01) for the second-level professional Master Course “Mindfulness: pratica, clinica e neuroscienze”, held by Professor A. Raffone. Sapienza University of Rome, Department of Psychology
- 2019 Lesson “Problem-Solving and Creativity”. Course in “Cognitive Psychology” (M-PSI/01) of the Master’s program in “Pedagogia e Scienze dell’educazione e della formazione” held by Professor A. Raffone. Sapienza University of Rome, Department of Philosophy, Rome, Italy. December 9th
- 2019 Lesson “Visual Attention”. Course in “Cognitive Psychology” (M-PSI/01) of the Master’s program in “Pedagogia e Scienze dell’educazione e della formazione” held by Professor A. Raffone. Sapienza University of Rome, Department of Philosophy, Rome, Italy. November 25th

- 2019 Lesson “Methods for Behavioral Research” (M-PSI/01), for the second-level professional Master Course “Mindfulness: Pratica, Clinica e Neuroscienze”, held by Professor A. Raffone. Sapienza University of Rome, Department of Psychology. November 8th
- 2018 Lesson on “Visual Perception and Consciousness”. Course in “Cognitive Psychology” (M-PSI/01) of the Master’s program in “Pedagogia e Scienze dell'educazione e della formazione” held by Professor A. Raffone. Sapienza University of Rome, Department of Philosophy, Rome, Italy. November 26th
- 2018 Lesson on “Experimental Paradigms for Behavioral Research. Self-referential processing and Meditation” (M-PSI/01), for the second-level professional Master Course “Mindfulness: pratica, clinica e neuroscienze”, held by Professor A. Raffone. Sapienza University of Rome, Department of Psychology. November 9th
- 2018 Lesson on “Visual Attention”. Course in “Cognitive Psychology” (M-PSI/01) of the Master’s program in “Pedagogia e Scienze dell'educazione e della formazione” held by Professor A. Raffone. Sapienza University of Rome, Department of Philosophy, Rome, Italy. October 19th

PEER-REVIEWING ACTIVITY:

- 2021 Peer-reviewing for *Frontiers in Psychology – Consciousness Research*
- 2021 Peer-reviewing for *BMC Psychology*, Springer.
- 2018 - 2021 Peer-reviewing for *Cognitive Processing - International Quarterly of Cognitive Science*, Springer.

CONFERENCE PRESENTATION AND TALK:

- 2021 Simione, L. & **Chiarella, S.G.** (2021). “From self to others, through the peripersonal space: How it is built compassion”. Talk in Symposium. ICSC 2021 - 8th International Conference on Spatial Cognition (ICSC) – *Cognition and Action in a Plurality of Spaces*. Sapienza University of Rome, Department of Psychology. 13 - 17 September <https://doi.org/10.1007/s10339-021-01058-x>
- 2021 **Chiarella, S.G.**, Gagliardi, D.M., Torromino, G., Rossi, D., Babiloni, F., Cartocci, G. (2021). “Aesthetic appreciation in art context. Human vs. Artificial Intelligence authorship”. Poster presentation. ICSC 2021 - 8th International Conference on Spatial Cognition (ICSC) – *Cognition and Action in a Plurality of Spaces*. Sapienza University of Rome, Department of Psychology. 13 - 17 September <https://doi.org/10.1007/s10339-021-01058-x>
- 2021 **Chiarella, S.G.** & Simione, L. (2021). Does sensory memory depend on visuospatial attention? - Talk in Symposium. ICSC 2021 - 8th International Conference on Spatial Cognition (ICSC) – *Cognition and Action in a*

Plurality of Spaces. Sapienza University of Rome, Department of Psychology. 13 - 17 September <https://doi.org/10.1007/s10339-021-01058-x>

- 2021 **Chiarella, S.G.**, Gagliardi, D.M., Torromino, G., Rossi, D., Babiloni, F., Cartocci, G. (2021). “The role of authorship in aesthetic appreciation: A comparison between human-made and AI-made artworks”. Poster presentation. IAEA 2021 - XXVI Conference of the International Association of Empirical Aesthetics. City University of London – Goldsmith University of London. 1st - 3rd September
- 2021 **Chiarella, S.G.** (2021) “Theories and models of visual consciousness between art and neuroscience”. *How Our Brain Innovates Thinking (HOBIT)* a project by Numero Cromatico within *Brain Awareness Week (BAW)* supported by DANA Foundation. Rome, March 18th
- 2019 **Chiarella, S.G.**, Kerausauskaiste, S., Simione, L, Girolami, D., Calabrese, L., Raffone A. (2020). “Effect of Right Mindfulness on Prisoner Staff”. Conference “Meditazione, Mindfulness e Benessere del personale penitenziario: training e ricerca connessa”. Sapienza University of Rome, Department of Neuropsychiatry. April 1st
- 2018 **Chiarella, S.G.**, Makwana, M., Calabrese, L., Raffone, A., Srinivasan, N., “Effect of Mindfulness Meditation on Self-referential processing and Sense of Agency”. Poster session: Conference “Nascita e sviluppo dei Corsi di Laurea in Psicologia alla Sapienza”. Sapienza University of Rome, Department of Psychology. December 15th

SKILLS AND COMPETENCES:

AcqKnowledge - Data Acquisition and Analysis Software Biopac;
BrainVision Analyzer 2 - Analysis software for neurophysiological research;
SPSS; STATISTICA; PsychoPy2; MATLAB; JASP; Office.

PUBLICATIONS

Accoto, A., **Chiarella, S. G.**, Raffone, A., Montano, A., de Marco, A., Mainiero, F., ... & Conversi, D. (2021). Beneficial Effects of Mindfulness-Based Stress Reduction Training on the Well-Being of a Female Sample during the First Total Lockdown Due to COVID-19 Pandemic in Italy. *International Journal of Environmental Research and Public Health*, 18(11), 5512. <https://doi.org/10.3390/ijerph18115512>

Nesci, D. A., **Chiarella, S. G.**, Corona, E., Savoia, V., Zampogna, M., Nesci, F. A., ... & Paludetti, G. (2021). Multimedia Psychotherapy: brief report of a pilot study. *Rivista di Psichiatria*, 56(3), 149-156. doi: [10.1708/3635.36156](https://doi.org/10.1708/3635.36156)

Chiarella, S.G., Makwana M., Simione L., Hartkamp, M., Calabrese, L., Raffone, A., Srinivasan, N. (2020). Mindfulness Meditation Weakens Attachment to Self: Evidence from a Self vs Other Binding Task. *Mindfulness*. <https://doi.org/10.1007/s12671-020-01457-9>

Simione, L., Di Pace, E., **Chiarella, S.G.**, Raffone, A. (2019). Visual Attention modulates Phenomenal Consciousness: Evidence from a change-detection study. *Frontiers in Psychology. Consciousness Research*. <https://doi.org/10.3389/fpsyg.2019.02150>