

Curriculum Vitae – Carmelo Masala

Academic, Teaching, Research and Professional Curriculum Vitae.
Translation from Italian. Full content preserved in European academic format.

1. Education and Qualifications

9 November 1972. Graduated in Medicine and Surgery.

University of Cagliari.

21 July 1976. Specialization in Neurology.

University of Cagliari.

6 December 1980. Specialization in Physical Therapy and Rehabilitation.

University of Cagliari.

4 December 1991. Certified as Hospital Chief Physician in Physical Therapy and Rehabilitation.

6 December 1989 – 18 August 1993. Study and research at the *Klinik für Neurologie, Innsbruck* (Prof. Gerstenbrand): Clinical diagnostics on consciousness and neuropsychophysiology applications for rehabilitation.

21 July 1995 – present. Study and research at *Landeskrankenhaus Hochzirl* (Prof. Saltuari): Clinical coordination of post-discharge rehabilitation, caregiver support.

1990 – 1994. Collaboration with *Klinik Valens, Bad Ragaz, Switzerland*:

Coordination and monitoring of hospitalization and home care rehabilitation.

2012 – 2014. Research assignment – *Department of Pedagogy, Psychology and Philosophy, University of Cagliari*: Medical consultant for SPERA-S project funded by the Italian Medicines Agency.

2. Teaching Activities

Adjunct professor at the University of Cagliari in various courses related to Clinical Psychology, Neuropsychology, and Rehabilitation (SSD M-PSI/08).

Academic Years and Courses:

2008–2010: *Neuropsychopathology and Neurorehabilitation* – BSc in Psychological Sciences and Techniques.

2010–2011: *Clinical Psychology* – Primary Education Sciences.

2011–2013: *General and Special Sensory Rehabilitation* – Primary Education Sciences.

2013–2014: *Psychology of Disability and Rehabilitation* – Primary Education Sciences.

2014–2015: *Clinical Psychology* – Primary Education Sciences.

2015–2018: *Integrated Psychology* – Psychiatric Rehabilitation Techniques.

2018–2021: *Neuropsychology* – Speech Therapy.

2019–Present: *Neuropsychology* – Professional Educator.

2022–Present: *Psychology* – Professional Educator.

3. Professional Experience

Since 1989. Registered with the *Order of Psychologists of Sardinia* (no. 134) under Law 56/1989: Clinical activity in psychology.

Ongoing. Registered with the *Order of Psychotherapists* and the *Order of Physicians* of the Province of Cagliari: Clinical medical and surgical practice.

Since 2010. Freelance activity in neurology, neuropsychology, and psychology: Clinical activity.

1980–2010. *Confirmed Researcher in Clinical Psychology* (M-PSI/08), previously Assistant in Mental Health at the University of Cagliari: Research and teaching activities.

2010–Retirement. Appointed by the Rector of the University of Cagliari *Coordinator for support initiatives for students with disabilities* (Law 17/1999).

2010–Present. *Adjunct professor* post-retirement: Teaching and thesis/research supervision.

1972–Present. Clinical and Assistance Activity: *Clinical work in clinical psychology, neuropsychology, psychodiagnostics, neurorehabilitation and psychotherapy.*

1975–1992. *Medical Director, Rehabilitation Centre, Iglesias (AIAS):* Coordination and supervision of neuro-motor and cognitive rehabilitation.

1985–1989. *Medical Director, Rehabilitation Centre, Cagliari (AIAS):* Responsible for care and socio-relational integration programs.

1994–Present. *Medical and Psychological Consultant: ABC (Children with Brain Injury) and AID (Italian Dyslexia Association).*

1970s–Present. *Consultant for Sardinian schools:* Special education and social integration support.

4. National and International Committees

1983. Study program on disability. *German Federal Ministry for Youth.*

1995–1996. Member of the Doman Commission. *Italian Ministry of Health.*

1997. Member of Study Commission for Childhood Rehabilitation. *Guidelines drafting for the evaluation of outcomes.*

5. Teaching Coordination and Direction

1982–1998. *Director of the three-year School for Rehabilitation Therapists (AIAS, Cagliari):* Authorized by the Sardinian Region for professional qualification.

1987–1989. *Director of Specialization Courses for Teacher Certification:* Conversion from single to multi-disciplinary certification for teachers of students with disabilities.

1991–1998. *Director of Courses for Support Teaching Certification:* Accredited by the Ministry of Education (DPR 970/1975).

2001–2002. *Scientific Director* – Advanced Training for Specialized Teachers: Use of IT tools in specific learning disorders.

2003–2006. *Scientific Director* – M@rte Project: Experimentation of assistive technology for students with disabilities in Sardinia.

2007–2008. *Scientific Director* – MILAM Project: Models for targeted employment of people with disabilities funded by the Ministry of Labour.

6. Research Funding and Coordination

2007–2008. *Scientific Director* – MILAM Project. Funded by the Ministry of Labour and Social Policy.

2008–2010. *Principal Investigator* – SPERA-S Project. National research project on schizophrenia psychoeducation funded by AIFA, Ministry of Health.

7. Publications

1. Preti A., Vellante M., Baron-Cohen S., Zucca G., Petretto D.R., **Masala C.**, *The Empathy Quotient: a cross-cultural comparison of the Italian version*. Cogn Neuropsychiatry. 2011 Jan;16(1):50-70. Epub 2010 Aug 24.
2. Preti A., Sisti D., Rocchi M.B., Busca M., Vellante M., Camboni M.V., Petretto D.R., **Masala C.** *Male-female differences in left-handedness in Sardinia, Italy*. Laterality. 2011 Nov;16(6):737-52. doi: 10.1080/1357650X.2010.515991. Epub 2011 Jun 24. ISSN: **1357650X** CODEN: **LATEF**Source.
3. Preti A., Usai I., Pintus E., Sardu C., Petretto D.R., **Masala C.**, Left-handedness is statistically linked to lifetime experimentation with illicit drugs. Laterality. 2012;17(3):318-39. Epub 2011 Oct 13.
4. Vellante M., Baron-Cohen S., Melis M., Marrone M., Petretto D.R., **Masala C.**, Preti A., *The "Reading the Mind in the Eyes" test: Systematic review of*

psychometric properties and a validation study in Italy. Cogn Neuropsychiatry. 2012 Oct 30.

5. Petretto D.R., Preti A., Zuddas C., Veltro F., Rocchi M.B.L., Sisti D., Martinelli V., Carta M.G., **Masala C.** and Spera-S's Group, *Study on Psychoeducation Enhancing Results of Adherence in Schizophrenia (SPERA-S): Study protocol for a randomized controlled trial*, *Trials*, 2013.
6. Preti A., Sheenan D.V., Coric V., Distinto M., Pitanti M., Vacca I., Siddi A., **Masala C.**, Petretto D.R., Sheenan Suicidality Traking Scale (S-STs): reliability, convergent and discriminative validity in young Italian adults. *Comprehensive Psychiatry*, 2013, 54(7), 842-849.
7. Serra M., Lai A., Buizza C., Pioli R., Preti A., **Masala C.**, Petretto D.R., *Beliefs and attitudes among italian high school students toward people with severe mental disorders*, *Journal Nervous and Mental Disorders*, 2013, 201(4), 311-318.
8. Lai A., Serra M., Petretto D.R., **Masala C.**, Preti A., *Patterns of hand preference in Italian adolescent high-school students*, *Laterality*, 2014.
9. Preti A., Sisti D., Rocchi M.B., Siddi S., Cella M., **Masala C.**, Petretto D.R., Carta M.G., *Prevalence and dimensionality of Hallucination-like experiences in young adults*, *Comprehensive Psychiatry*, 55(4), 826-836, 2014.
10. Macciò A., Meloni F.R., Sisti D., Rocchi L.M.B., Petretto D.R., **Masala C.**, Preti A., *Mental disorders in italian prisoners: results of the REDiMe Study*, *Psychiatry Research*, 2014.
11. Preti A., Siddi S., Vellante M., Scanu R., Muratore T., Gabrielli M., Tronci D., **Masala C.**, Petretto D.R., *Bifactor structure of the schizotypal personality questionnaire (SPQ)*, *Psychiatry Research*, 2015, dec 30, 230(3), 940-950.
12. Petretto D.R., Piras P., Pistis I., Tradori E., Camboni M.V., Staico F., Palmas F., Lussu C., Preti A., **Masala C.**, *Difficulties in reading, learning difficulties and*

neuropsychological profile on WISC-IV in Italian children, IEEE International symposium on Medical Measurement and Applications, 2016, 978-1-4673-9172-6/16, doi 10.1109/MeMeA.2016.7533782.

13. Petretto D.R., Lussu C., Zuddas C., Pistis I., Piras P., Preti A., **Masala C.**, *Meta-review of systematic and meta-analytic reviews on family psychoeducation for schizophrenia*, Austin Journal of Clinical Neurology, 2017, 4(2): 1107- ISSN 2381-9154.
14. Petretto D.R., Vinci S., Todde I.P., Piras P., Pistis I., **Masala C.**, *Conceptual models of disability and their role in the daily routine of clinical rehabilitation*, Rehabilitation Sciences, 2017, Vol. 2, No. 4, pp. 75-81. doi: 10.11648/j.rs.20170204.11
15. Petretto D.R., **Masala C.**, *Dyslexia and specific learning disorders: new international diagnostic criteria (editorial)*, Journal of Childhood and Developmental Disorders, 2017, vol. 3, No. 4, 19.
16. Nicotra E.F., Grassi P., **Masala C.**, Petretto D.R., *A Rasch Analysis of Raven's Colored Progressive Matrices to assess educative intelligence: a study in a Sardinian Sample*, IEEE International symposium on Medical Measurement and Applications, 2018, 978-1-5386-3392-2/18, pag. 701-706.
17. Petretto D.R., Masala I., **Masala C.**, *Special Educational needs, distance learning, inclusion and COVID-19*, Education Sciences, 2020, 10(6), 1-2, 154.
18. Petretto D.R., Masala I., **Masala C.**, *School closure and children in the outbreak of COVID-19*, Clinical Practice and Epidemiology in Mental Health, 2020, 16(1), 189-191.
19. Petretto D.R., Carta S., Cataudella S., Masala I., Mascia M.L., Penna M.P., Piras P., Pistis I., **Masala C.**, *Some lessons learned in the use of distance learning with students with special educational needs during COVID-19 outbreak*, Education Sciences, 2021, 11(3), 108.

20. Cataudella S., Carta S., Mascia M.L., **Masala C.**, Petretto D.R., Penna M.P. (2021). *Psychological aspects of students with learning disabilities in e-environments: a mini review and future research directions*. *Frontiers in Psychology*, 11, 611818.
21. Petretto D.R., Mura A., Vacca M., Carrogu G.P., Gaviano L. Atzori R. and Masala C. (2025). *“From Mental/Psychological Disorder” and/or “Individual Pattern of Adaptation” Toward “Developmental Trajectories During the Lifespan”*. *Behavioural Sciences- behavsci-15-00591*.

8. Books

- **Masala C.**, Preti A., Petretto D.R.: *L'Aggressività: psicologia e metodi di valutazione*, Ed. Carocci, Roma, 2002
- **Masala C.**, Petretto D.R.: *Psicologia dell'handicap e della riabilitazione: dal “hand in cap” alla partecipazione*, Ed. Kappa, Roma, 2008.
- Petretto D.R., Bariffi F., Jimenez E., Volterra S., Pilia R., **Masala C.**, *I Bisogni Educativi Speciali: il diritto all'istruzione in una prospettiva inclusiva*, Edizioni Jovene, 2019.

9. Conference Presentations

2010 – AIRIPA National Congress: *Line bisection in primary school children and children with dyslexia*.

2010 – AIRIPA National Congress: *Reading and writing acquisition tracking in elementary students*.

2011 – AIRIPA Sardinia Congress: *Early detection of learning disorders, subitizing abilities, and Five-Point Test in children*.

2013 – International Congress of Educational Sciences and Development, Santander: *SPERA-S randomized controlled trial protocol*.

2014 – Ibero-American Congress of Health Psychology, Seville: *Conceptual models of disability for rehabilitation*.

2014 – International Clinical Psychology Congress, Seville: *Difficulties in reading and neuropsychological profile on Wisc-IV in Italian children: a single group or more than one group?*

2017 – Seminar '*Beyond Dyslexia: Clinical Reflections*', University of Cagliari.

2017 – Seminar '*Executive Functions and Neuropsychology*', University of Cagliari.

2018 – Seminar '*Emotionality and Aggression at School: What to Do?*', University of Cagliari.

2018 – International Conference on Inclusive Educational Design, University of Cagliari.

10. Scientific Event Organization

2011 – 'Creating Networks for Inclusion', University of Cagliari.

2011 – AIRIPA Sardinia Conference, University of Cagliari.

2011 – 'Dyslexia and Learning: New Neuropsychopedagogical Perspectives', Cagliari.

2012 – Awareness event on dyslexia 'From the Heart to the Stage', Cagliari.

2012 – Study Day: 'Health, Disability and Functioning: From School to University and Life', Cagliari.

2015 – Conference on Special Educational Needs, Italy-Argentina comparative perspective, Cagliari.

2015 – Conference on Inclusive Education and Special Educational Needs, Cagliari.

2017 – Seminar on Executive Functions and Learning, Cagliari.

2018 – Seminar on Aggressiveness at School, Cagliari.

2018 – International Conference on Universal Design for Learning in Inclusive Settings, Cagliari.