

CURRICULUM VITAE

Sara Mascheretti, Ph.D.

Assistant Professor, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy
Research Scientist, Child Psychopathology Unit, Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Lecco, Italy

Date of birth: 3rd May 1983

Nationality: Italian

Office: Department of Brain and Behavioral Sciences
University of Pavia
Piazza Botta, 6
27100 - Pavia (PV), Italy
Phone: +39 0382 986117
email: sara.mascheretti@unipv.it

Current Positions:

2012 – today: Member of the Behavior Genetics Association
August 2022 – today: Assistant Professor, Department of Brain and Behavioral Sciences - University of Pavia, Pavia (Italy)
January 2023 – today: Research Scientist, Child Psychopathology Unit, Scientific Institute IRCCS Eugenio Medea, Bosisio Parini, Lecco (Italy)

Qualifications:

2005: B.Sc. in Psychology – Vita-Salute San Raffaele University, Milan, Italy. Thesis title: “*The efficacy of non-pharmacological pain reduction methods in premature infants*”
2007: M.Sc. in Clinical Psychology – Vita-Salute San Raffaele University, Milan, Italy. Thesis title: “*Pleiotropic effect of the, DYX1C1 gene on language abilities*” (Magna cum laude)
2012: Ph.D. in Developmental Psychopathology - The Academic Centre for the Study of Behavioral Plasticity (Director: Prof. M. Battaglia), Vita-Salute San Raffaele University, Milan, Italy. Thesis title: “*Developmental dyslexia: The role of putatively hazardous factors and candidate genes in a gene-by-environment perspective*” (Supervisors: Prof. M. Battaglia and Dr. C. Marino)
2015: Psy.D. Cognitive and Behavioral Psychotherapy, Studi Cognitivi, Milan (Italy)

Licenses:

2008: Induction into the Order of Psychologists of Lombardia, Italy (n.03/12138)
2012: Induction into the Behavior Genetics Association as Associate Member
2015: Italian Licence: practicing Cognitive and Behavioural Psychotherapy
November 2018 – November 2028: Italian certification for Associate Professorship in General Psychology, Psychobiology and Psychometrics (SETTORE CONCORSALE 11/E1 PSICOLOGIA GENERALE, PSICOBIOLOGIA E PSICOMETRIA - FASCIA: II)

Further research training:

2007: Volunteer research assistant to Dr. C. Marino at the Child Psychopathology Unit (Primary Physician: Dr. M. Molteni), Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Italy
2008: Full-time research assistant to Dr. C. Marino at the Child Psychopathology Unit (Primary Physician: Dr. M. Molteni), Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Italy
2008: Course on the diagnosis and rehabilitation of cognitive functions in neuropsychological disorders in childhood and adolescence - IRCCS Research Institute Stella Maris Foundation, Pisa, Italy (Certificate of participation)
2010: Post-graduate research internship at the Institut universitaire en santé mentale de Québec, Québec, Canada (Scientific Director: Prof. M. Maziade; Project Supervisor: Dr. A. Bureau)

- 2011: International Workshop on Statistical Methodology for Human Genomic Studies - Institute for Behavioural Genetics, University of Colorado, Boulder, Colorado, USA (Certificate of participation)
- 2012: Full-time research assistant to Dr. C. Marino at the Child Psychopathology Unit (Primary Physician: Dr. M. Molteni), Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Italy
- 2013: Post-doc internship at the Institut universitaire en santé mentale de Québec, Québec, Canada (Project Supervisors: Dr. A. Bureau and Dr. C. Marino)
- Post-doc internship at the Zentralinstitut für Seelische Gesundheit, Mannheim, Germany (Project Supervisors Prof. M. Laucht and Dr. M. Nobile)
- 2014: FENS-SNF Summer School 2014 “Neurodevelopmental psychiatric disorders” (Certificate of participation)

Further clinical training:

- 2007-2008: Post-graduate internship at the General Psychiatry Unit (Primary Physician: Prof. E. Smeraldi), San Raffaele Hospital, Milan, Italy
- 2012–2015: Scuola di formazione in psicoterapia cognitiva e cognitivo-comportamentale (Cognitive and Behavioural Psychotherapy School), Milan, Italy (Italian Licence: practicing Cognitive and Behavioural Psychotherapist)
- 2014-2015: Master in Cognitive and Behavioural Psychotherapy with Children and Adolescent (Studi Cognitivi - Cognitive and Behavioural Psychotherapy School, Milan, Italy)

Student scholarships, Fellowships and Honors:

- 2012: Travel bursary for the 2012 meeting of the Behavior Genetics Association in Edinburgh BGA 2012 Annual Meeting (Scotland) - Behavior Genetics Association
- 2016: Best Poster of the Congress - Giornate di neuropsicologia dell'età evolutiva, XI edizione: Bressanone (Italy) 20-23 gennaio 2016
- 2017: 3-month research fellowship at the Haskins Laboratories, Yale University - New Haven, CT (U.S.A.). Progetto Professionalità “Ivano Becchi” Edizione 2016/2017 – Fondazione Banca del Monte di Lombardia
- 2017: Journal of Human Genetics Young Scientist Award (YSA) 2017 - 62nd Annual Meeting of the Japan Society of Human Genetics, November 15-18, 2017
- 2019: Best Poster of the Congress - Giornate di neuropsicologia dell'età evolutiva, XIV edizione, Bressanone (Italy) 23-26 gennaio 2019
- 2023: Best Poster of the Congress – Neuroimaging section - III Annual Meeting della Rete IRCCS di Neuroscienze e Neuroriabilitazione (RIN), Rome (Italy) 30 November – 1 December 2024

Past teaching appointments:

- 14-16 June 2016: Training session about “Molecular genetic analysis” at the Research Unit on Child Psychosocial Maladjustment (GRIP) - Laval University, Québec City, Canada
- 2010 – 2013: Teaching assistant (Prof. M. Battaglia and Dr. A. Ogliari) - Vita-Salute San Raffaele University, Milan, Italy
- 2011 – 2013: Adjunct Instructor (Prof. M. Battaglia) - Vita-Salute San Raffaele University, Milan, Italy

Past clinical appointments:

- May 2013 – July 2022: Clinical consultant at the Centro Medico Santagostino – Poliambulatorio Specialistico, Milan, Italy (Primary Physician: Dr. M. Cucchi)
- 2010-2013: Clinical consultant at the Developmental Psychopathology Unit (Primary Physician: Prof. M. Battaglia), San Raffaele Hospital, Milan, Italy
- 2009-2014: Clinical consultant at the Child and Adolescent Neuropsychiatric Unit (Primary Physician: Dr. M. Molteni), Associazione La Nostra Famiglia,

Bosisio Parini, Lecco, Italy

Past research appointments:

August 2012 – July 2022: Person in charge of the research projects aimed at identifying the molecular basis, neuroanatomical pathways and cognitive markers of developmental dyslexia at the Child Psychopathology Unit (Primary Physician: Dr. M. Molteni), Scientific Institute, IRCCS Eugenio Medea, Bosisio Parini, Italy

Professional consultations:

- Ad-hoc Referee for scientific Journals, including: Genes Brain and Behaviour, Journal of Human Genetics, Molecular Psychiatry, Human Genetics, Brain & Behavior, American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, European Journal of Neurology, Journal of Applied Developmental Psychology, Neuropsychologia, PLOS One, Behavioural Neurology, Scientific Studies of Reading.
- Ad-hoc Referee for the PhD Programme in Multimedia Communication of the University of Udine (Italy)

Previous supervising experience (in the last five years):

- Research assistants: 3
- Graduate students: 5
- Ph.D. students: 1
- Interns: 14

Grants ongoing/recently completed:

- 2013-2014: (P.I: Dr. S. Mascheretti) Italian Ministry of Health Research Grant “The influence of genetic and environmental factors on developmental dyslexia-related cognitive phenotypes”
- 2015: (P.I.s: Drs. F. Arrigoni and S. Mascheretti) Scientific Institute, IRCCS Eugenio Medea Funds “Neurogenetics of developmental dyslexia: a pilot study”
- 2015-2017: (P.I: Dr. S. Mascheretti) Italian Ministry of Health Research Grant “Developmental dyslexia: Prognostic and preventive factors”
- 2018: (P.I: Dr. S. Mascheretti) Italian Ministry of Health Research Grant “Cognitive neurogenetics of developmental dyslexia: From genes to behavior”
- 2019: (P.I: Dr. S. Mascheretti) Italian Ministry of Health Research Grant “Cognitive neurogenetics of developmental dyslexia: From genes to behavior”
- Participation as recruiting center in the “Imaging genetics in SRD: Mega- and meta-analyses” - NIH grant 2P50HD052120-11 (PI: Prof. Nicole Landi – Haskins Laboratories-Yale University, New Haven, CT, USA)
- 2023-2026: (P.I.: Dr. S. Mascheretti) BANDO RICERCA FINALIZZATA Italian Ministry of Health- Young Researcher (under 40 years) GR-2021-12375102 “Gene x environment interplay in developmental dyslexia treatment: A round-trip translation between humans and animal”
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Guest Editor:

- Special Issue “New Digital Technologies for Diagnosis and Rehabilitation of Neurodevelopmental Disorders” in *Applied Sciences* (Guest Editors: Dr. Lorusso ML, Dr. Borasio F, Prof. Mascheretti S)
- Special Issue “Gene-environment interplay in reading (dis)ability development” in *Scientific Studies of Reading* (Guest Editors: Prof. Mascheretti S & Prof. Dionne G)

Oral presentation:

- 22nd European Congress of Psychiatry (1-4 March 2014, Munich, Germany) - Short-Oral Presentation “The DCDC2/intron 2 deletion impairs selectively the magnocellular-dorsal stream in normal readers” Mascheretti S., Gori S., Ruffino M., Quadrelli E., Facoetti A., Marino C.

- 22nd European Congress of Psychiatry (1-4 March 2014, Munich, Germany) - Short-Oral Presentation “Grin2B targets the most severe cognitive and behavioral impairments among disadvantaged children” (Riva V., Battaglia M., Cattaneo F., Lazazzera C., Mascheretti S., Giorda R., Nobile M., Maziade M., Marino C.)
- XVI World Congress of Psychiatry (14-18 September 2014, Madrid, Spain) – Oral Presentation “An Assessment of Gene-by-Gene Interactions in Developmental Dyslexia” (Mascheretti S., Bureau A., Giorda R., Marino C.)
- Reading in the Forest – International Workshop on Reading and Dyslexia (26-28 October 2015, University of Kaiserslautern, Germany) – Oral Presentation “The Endophenotype Concept in Psychiatry: A pioneering Study in Developmental Dyslexia”
- Dislessia e disturbi dell’apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Invited Speaker “«The first story is about connecting the dots» - Bridging the gap between genes, brain function and behavior”
- 2017 American Society of Criminology (15-18 November 2017, Philadelphia, USA) – Session ‘The Influence of Genes, Aggression, and Emotional Dysfunctions in Criminal Behavior’ (Prof. Efferson): Oral Presentation “Evidence of cumulative serotonergic genes as both risk and protective factors for delinquency in adolescence and adulthood” (Langevin S., Mascheretti S., Ouellet-Morin I.)
- Neuroscienze e Psichiatria - Quale presente e quale futuro? (Milan, November 5-6 2018) – Invited Speaker “Fattori genetici ed ambientali nello sviluppo dei disturbi psichiatrici”
- Giornate di neuropsicologia dell’età evolutiva, XIV edizione (Bressanone, January 23-26 2019) – Invited Speaker “Dai geni al comportamento: Quali effetti identificabili?”
- XVIII Congresso AIRIPA 2019 (Ferrara, September 27-29 2019) – Invited Speaker “Basi genetiche della dislessia”
- ISMRM 2024 Annual Meeting (Singapore, 4-9 May 2024) – Power Pitch Presentation “Corticocerebellar effective connectivity of visual attention areas is altered in developmental dyslexia compared to typical readers” (Korkmaz G, Lorenzi RM, Mascheretti S, Peruzzo D, Arrigoni F, D’Angelo E, Palesi F, Gandini Wheeler-Kingshott CAM)
- ISMRM 2024 Annual Meeting (Singapore, 4-9 May 2024) – Power Pitch Presentation “Aberrant activations associated with developmental dyslexia and READ1 deletion induced by visual/attentive tasks” (Giubergia A, Mascheretti S, Arrigoni F, Toraldo A, Andreola C, Villa M, Lampis V, Giorda R, Villa M, Peruzzo D)

Symposia:

- 4th iWORDD - International Workshop on Reading and Developmental Dyslexia (Donostia, San Sebastian, Spain 7-9 June 2023) – Invited Speaker “Gene x Environment interplay in developmental dyslexia treatment” within the Invited Symposium 1 “Visual attention and reading: cause or consequence?” (Chair: Prof. Simone Gori)
- 27th Biennial Meeting of the International Society for the Study of Behavioral Development – ISSBD (Lisbon, Portugal, 16-20 June 2024) – Speaker “Examining the links between theory of mind and academic achievement: from empirical findings to a theoretical model” (Lecce S, Mascheretti S) within the Symposium “Mindful minds in the classroom: Exploring the intersections of family, theory of mind and academic trajectories in child and youth development” (Chair: Prof. Christopher Osterhaus)
- British Dyslexia Association International Conference 2024 - Dimensions of Dyslexia: Evidence and Practice (University of Surrey, UK, 20-21 June 2024) – Speaker “Direct and indirect effects of PGSs on reading skills via intermediate phenotypes” (Remon A, Mascheretti S, Voronin I, Feng B, Ouellet-Morin I, Brengden M, Vitaro F, Robaey P, Grondin S, Boivin M, Dionne G) within the Symposium “Genetic and Functional Genomics Studies of Reading (Dis)Ability and Comorbid Disorders” (Chair: Prof. Mascheretti S)

Chair of Symposia:

- British Dyslexia Association International Conference 2024 - Dimensions of Dyslexia: Evidence and Practice (University of Surrey, UK, 20-21 June 2024) – Symposium “Genetic and Functional Genomics Studies of Reading (Dis)Ability and Comorbid Disorders” (Chair: Prof. Mascheretti S)

Poster presentation:

- Conference on Developmental Dyslexia: Searching the Links between Neurocognitive Functions (Rome 9-10 October 2009) - Poster Presentation “*Association of multisensory attentional engagement with the CHRNA4 gene in developmental dyslexia*” (Marino C., Facoetti A., Rusconi M., Citterio A., Mascheretti S., Ruffino M., Giorda R., Salandi A., Lorusso M.L., Molteni M.)
- BGA 2012 Annual Meeting (21-26 June 2012, Edinburgh, Scotland) - Poster Presentation “*An Assessment of Gene-by-Environment Interaction Effects on Neuropsychological Phenotypes Related to Developmental Dyslexia: the Role of the DYX1C1, DCDC2, KIAA0319 and ROBO1 Genes and of Specified Putatively Hazardous Factors*” (Mascheretti S., Bureau A., Battaglia M., Simone D., Quadrelli E., Croteau J., Cellino M.R., Giorda R., Beri S., Maziade M., Marino C.)
- Third Oxford-Kobe Symposium (11-13 April 2013, Oxford, England) - Poster Presentation “*GRIN2B genetic variants and susceptibility to Developmental Dyslexia*” (Mascheretti S., Facoetti A., Beri S., Riva V., Cellino M.R., Marino M.)
- Giornate di neuropsicologia dell'età evolutiva, IX edizione (15-18 gennaio 2014, Bressanone, Italy) - Poster Presentation “*La delezione dell'introne 2 del gene DCDC2 compromette selettivamente la via magnocellulare-dorsale in soggetti normo-lettori*” (Mascheretti S., Gori S., Ruffino M., Quadrelli E., Facoetti A., Marino C.)
- XVI World Congress of Psychiatry (14-18 September 2014, Madrid, Spain) – Poster Presentation “*GRIN2B mediates susceptibility to affective problems in children and adolescents*” (Bianchi V., Brambilla P., Mascheretti S., Garzitto M., Fornasari L., Bonivento C., Piccin S., Bellina M., Tesei A., Molteni M., Nobile M.)
- XVI World Congress of Psychiatry (14-18 September 2014, Madrid, Spain) – Poster Presentation “*Role of M2 muscarinic receptors in the development of self-directedness in children and adolescent*” (Bellina M., Brambilla P., Mascheretti S., Garzitto M., Fornasari L., Bonivento C., Giorda R., Bianchi V., Molteni M., Nobile M.)
- Vision Sciences Society 15th Annual Meeting (15-20 May 2015, Florida, USA) - Poster Presentation “*Illusory Motion Perception Is Impaired in individuals with DCDC2 Intron 2 Deletion showing the Selective Role of Magnocellular-Dorsal Stream in Dyslexia*” (Mascheretti S., Gori S., Giora E., Ronconi L., Ruffino M., Quadrelli E., Facoetti A., Marino C.)
- XXIII World Congress of Psychiatric Genetics (16-20 October 2015, Toronto, Canada) - Poster Presentation “*Unravelling the etiological pathways underlying the comorbidity between developmental dyslexia and attention deficit/hyperactivity disorder*” (Mascheretti S., Trezzi V., Giorda R., Dionne G., Marino C.)
- Giornate di neuropsicologia dell'età evolutiva, XI edizione (20-23 gennaio 2016, Bressanone, Italy) – Poster Presentation “*Il concetto di endofenotipo in psichiatria: uno studio pionieristico nella dislessia evolutiva*” (Trezzi V., Mascheretti S., Gori S., Ruffino M., Facoetti A., Marino C.)
- Giornate di neuropsicologia dell'età evolutiva, XI edizione (20-23 gennaio 2016, Bressanone, Italy) – Poster Presentation “*Quanto specifico è il disturbo del linguaggio? Evidenza di un deficit parietale destro*” (Sali M.E., Mascheretti S., Bertoni S., Trezzi V., Molteni M., Ronconi L., Franceschini S., Gori S., Facoetti A.)
- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Poster Presentation “*Complex effects of dyslexia risk factors account for ADHD traits: Evidence from two independent samples*” (Trezzi V., Mascheretti S., Giorda R., Boivin M., Plourde V., Vitaro F., Brengden M., Dionne G., Marino C.)
- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Poster Presentation “*Visual motion and rapid auditory processing are solid endophenotypes of developmental dyslexia*” (Mascheretti S., Gori S., Trezzi V., Ruffino M., Facoetti A., Marino C.)

- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Poster Presentation “*A common genetic variant in FOXP2 is associated with language-based learning (dis)abilities: Evidence from two Italian independent samples*” (Mozzi A., Riva V., Forni D., Sironi M., Marino C., Molteni M., Riva S., Guerini F.R., Clerici M., Cagliani R., Mascheretti S.)
- Dislessia e disturbi dell'apprendimento: Nuove direzioni fra clinica e ricerca (21-22 October 2016, Ospedale Pediatrico Bambino Gesù, Rome, Italy) – Poster Presentation “*Synergistic Effect of READ1 and KIAA0319 on Development Dyslexia: A replication study*” (Trezzi V., Forni D., Giorda R., Villa M., Molteni M., Marino C., Mascheretti S.)
- OHBM 2017 - Organization for Human Brain Mapping (25-29 June 2017, Vancouver, Canada) – Poster Presentation “*Investigation of magno-cellular and parvo-cellular pathways in developmental dyslexia*” (Arrigoni F., Peruzzo D., Trezzi V., Nordio A., Mascheretti S.)
- 3rd meeting of the New England Research on Dyslexia Society conference (21 October 2017, Storrs, CT, USA) – Poster Presentation “*The DCDC2/intron 2 Deletion and Magnocellular Visual Stream: A Preliminary fMRI Study in Developmental Dyslexia Testing Main Effects and Interactions*” (Mascheretti S., Peruzzo D., Trezzi V., Nordio A., Giorda R., Villa M., Marino C., Arrigoni F.)
- 3rd meeting of the New England Research on Dyslexia Society conference (21 October 2017, Storrs, CT, USA) – Poster Presentation “*Testing for the Mediation Role of Endophenotypes Using Molecular Genetic Data in Reading (dis)ability*” (Mascheretti S., Riva V., Trezzi V., Giorda R., Villa M., Dionne G., Gori S., Marino C., Facoetti A.)
- XXV Annual Meeting Society for the Scientific Study of Reading (Brighton, July 18-21 2018) - Interactive Poster “*Investigation of magno- and parvo-cellular pathways in developmental dyslexia*” (Mascheretti S., Peruzzo D., Trezzi V., Nordio A., Marino C., Arrigoni F.)
- XXV Annual Meeting Society for the Scientific Study of Reading (Brighton, July 18-21 2018) – Interactive Poster “*The genetic/environmental transmissions and innovations across reading from ages 5 to 15 years*” (Dionne G., Mascheretti S., Henry J., Boivin M., Vitaro F., Brendgen M., Marino C.)
- Giornate di neuropsicologia dell'età evolutiva, XIV edizione (Bressanone, January 23-26 2019) – Poster Presentation “*Testing for the mediation role of endophenotypes using molecular genetic data in developmental dyslexia*” (Andreola C., Mascheretti S., Riva V., Trezzi V., Giorda R., Villa M., Dionne G., Gori S., Marino C., Facoetti A.)
- Giornate di neuropsicologia dell'età evolutiva, XIV edizione (Bressanone, January 23-26 2019) – Poster Presentation “*Investigation of magno and parvo-cellular pathways in developmental dyslexia*” (Andreola C., Mascheretti S., Peruzzo D., Trezzi V., Nordio A., Marino C., Arrigoni F.)
- 49th Behavior Genetics Annual Meeting (Stockholm, June 26-29 2019) – Poster Presentation “*The genetic/environmental transmissions and innovations across 8 reading measures from ages 5 to 15 years*” (Dionne G., Mascheretti S., Feng B., Remon A., Aubé S., Marino C., Vitaro F., Brendgen M., Boivin M.)
- 49th Behavior Genetics Annual Meeting (Stockholm, June 26-29 2019) – Poster Presentation “*The molecular basis of the genetic stability across reading from ages 5 to 15 years*” (Mascheretti S., Forni D., Boivin M., Gouin JP, Brendgen M, Vitaro F, Marino C, Dionne G)
- RIN -Rete IRCCS delle Neuroscienze e della Neuroriabilitazione, Annual Meeting (Milan, July 8-9 2020) - Poster Presentation “*The molecular basis of the genetic stability across reading from ages 5 to 15 years*” (Mascheretti S, Forni D, Boivin M, Gouin JP, Brendgen M, Vitaro F, Marino C, Dionne G)
- RIN -Rete IRCCS delle Neuroscienze e della Neuroriabilitazione, Annual Meeting (Milan, July 8-9 2020) - Poster Presentation “*From BDNF to Reading: The Mediation Role of Patterns of Neural Activation and Phonology*” (Mascheretti S, Perdue M, Feng B, Andreola C, Dionne G, Jasińska KK, Pugh KR, Grigorenko EL, Landi N)
- 51st Behavior Genetics Annual Meeting (29 June 2021) - Poster Presentation “*The mediating role of reading-related endophenotypes in the association between genes and reading skills*” (Remon A, Mascheretti S, Feng B, Ginette D)

- Giornate di neuropsicologia dell'età evolutiva, XVII edizione (Bressanone, January 19-22 2022) - Poster Presentation “*Valutazione dell'applicabilità di procedure di teleassessment per la valutazione degli apprendimenti in bambini in età scolare*” (Dondena C, Lampis V, Salandi A, Bonomi F, Cattaneo C, Cazzaniga V, Mauri C, Mingozzi A, Villa E, Cantiani C, Mascheretti S)
- Society for the Neurobiology of Language 2022 (Philadelphia, October 6-8 2022) – Poster presentation “*Structural covariance network identifies FOXP2 gene allele-specific variations and its association to reading and language*” (Koirala N, Hooker A, Villa M, Mahaffy K, Mascheretti S, Perdue MV, Grigorenko E, Landi N)
- 22nd Congresso Nazionale AIRMM (23-25 November 2022) - Poster Presentation “*Multivariate analysis of cerebral alteration patterns in children with Duchenne Muscular Dystrophy*” (Peruzzo D, Ciceri T, Mascheretti S, Lampis V, Arrigoni F, Agarwal, Giubergia A, Villa FM, Crippa A, Nobile M, Mani E, Russo AM, D'Angelo MG)
- 2023 ISMRM - 2023 Annual Meeting & Exhibition (Toronto, Canada 3-8 June 2023) – Power Pitch “*Pseudo-resting state by task-evoked functional connectivity*” (Giubergia A, Mascheretti S, Ciceri T, Villa M, Andreola C, Arrigoni F, Peruzzo D)
- 4th iWORDD - International Workshop on Reading and Developmental Dyslexia (Donostia, San Sebastian, Spain 7-9 June 2023) – Poster Presentation “*Comparing online versus in person assessment of learning skills in children*” (Mauri C, Lampis V, Dondena C, Villa M, Cantiani C, Mascheretti S)
- 4th iWORDD - International Workshop on Reading and Developmental Dyslexia (Donostia, San Sebastian, Spain 7-9 June 2023) – Poster Presentation “*The READ1 deletion and neural activation during magnocellular-dorsal visual tasks: An fMRI study in developmental dyslexia*” (Lampis V, Peruzzo D, Toraldo A, Giubergia A, Villa M, Andreola C, Arrigoni F, Mascheretti S)
- 2023 GNB - VII Nation Congress of Bioengineering (Padova, Italy 21-23 June 2023) – Poster Presentation “*Pseudo resting-state investigation from task-evoked functional MRI signals*” (Giubergia A, Mascheretti S, Ciceri T, Maccarone F, Villa M, Andreola C, Arrigoni F, Bertoldo A, Peruzzo D)
- III Annual Meeting della Rete IRCCS di Neuroscienze e Neuroriabilitazione (RIN) (Rome, Italy 30 November – 1 December 2023) – Poster Presentation “*Ventral attentive and salient networks neural activations during complex magnocellular stimuli are modulated by the READ1 deletion in children with developmental dyslexia*” (Mascheretti S, Arrigoni F, Toraldo A, Giubergia A, Andreola C, Villa M, Lampis V, Giorda R, Villa M, Peruzzo D)
- Erice School of Brain Cells & Circuits “Camillo Golgi” 2023 (Erice, 8-12 December 2023) – Poster Presentation “*Cortico-cerebellar effective connectivity of visual attention areas is altered in developmental dyslexia compared to typical readers*” (Korkmaz G, Lorenzi RM, Mascheretti S, Peruzzo D, Arrigoni F, D'Angelo E, Palesi F, Gandini Wheeler-Kingshott CAM)
- ISMRM 2024 Annual Meeting (Singapore, 4-9 May 2024) – Poster Presentation “*An fMRI single-subject study with severe reading impairment – a new paradigm towards personalised medicine*” (Maccarone F, Bonino M, Giubergia A, Mascheretti S, Lampis V, Mauri C, Agarwal N, Peruzzo D)
- British Dyslexia Association International Conference 2024 - Dimensions of Dyslexia: Evidence and Practice (University of Surrey, UK, 20-21 June 2024) – Poster Presentation “*Neurofunctional correlates of a multi-componential treatment for dyslexia: an fMRI pre-post training analysis*” (Lampis V, Mauri C, Giubergia A, Peruzzo D, Montano F, Mistò P, Salandi A, Dondena C, Cantiani C, Mascheretti S)
- British Dyslexia Association International Conference 2024 - Dimensions of Dyslexia: Evidence and Practice (University of Surrey, UK, 20-21 June 2024) – Poster Presentation “*Functional neural activation in reading (dis)ability: an fMRI word-level print processing task*” (Mauri C, Lampis V, Giubergia A, Peruzzo D, Montano F, Dondena C, Cantiani C, Mascheretti S)
- British Dyslexia Association International Conference 2024 - Dimensions of Dyslexia: Evidence and Practice (University of Surrey, UK, 20-21 June 2024) – Poster Presentation “*Functional connectivity in developmental dyslexia*” (Lampis V, Giubergia A, Peruzzo D, Villa M, Andreola C, Arrigoni F, Mascheretti S)

- British Dyslexia Association International Conference 2024 - Dimensions of Dyslexia: Evidence and Practice (University of Surrey, UK, 20-21 June 2024) – Poster Presentation “*Developmental trajectories of reading skills from 5 to 12 years and the role of early perinatal, parental, environmental and neuropsychological predictors*” (Mascheretti S, Feng B, Paradis H, Brengden M, Vitaro F, Boivin M, Dionne G)
- OHBM 2024 Annual Meeting (Seul, Korea, 23-27 June 2024) – Poster Presentation “Genotype-Phenotype interaction in the attentive network in developmental dyslexia” (Giubergia A, Mascheretti S, Arrigoni F, Toraldo A, Andreola C, Villa M, Lampis V, Giorda R, Villa M, Peruzzo D)

Language spoken:

Italian: mother language

Self-assessment European level (*)	Understanding		Speaking		Writing
	Listening	Reading	Interaction	Production	
<u>English</u>	C1	C2	C1	C1	C1
<u>French</u>	C1	C1	C1	C1	C1

(*) Common European Framework of Reference (CEF) level

Milan, May 9th, 2024

Publication List

1. Lampis V, Dondena C, Mauri C, Villa M, Salandi A, Molteni M, Cantiani C, Mascheretti S. Comparing remote versus in-person assessment of learning skills in children with specific learning disabilities. *Digital Health, in press*. doi: 10.1177/20552076241254453.
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* These authors equally contributed to the work.

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