Prof. Cristina Scarpazza

Associate Professor, University of Padova
Programme Director – MSc in Forensic Psychology and Clinical Criminology
Director of the Specialization School of Neuropsychology
Director of the II level Master of Forensic Neuropsychology and Criminology
Responsible of the Clinical and Forensic Neuropsychological Services (University Psychological Clinical Services)
Ph.D. in Cognitive Neuroscience
II level Master in Forensic Psychopathology and Neuropsychology
II level Master in Clinical Neuropsychology

Personal Details

Nationality	Italian
Date of birth	25 November 1985
Sex	Female
CF	SCRCST85S65B157D
Email address	cristina.scarpazza@unipd.it ; cristina.scarpazza@gmail.com ; cristina.scarpazza@hsancamillo.it
Work Address	Department of General Psychology, University of Padova, Via Venezia 8, 35131 Padova
Google scholar	https://scholar.google.co.uk/citations?user=ME6K90gAAAAJ&hl=en
Research Gate	https://www.researchgate.net/profile/Cristina_Scarpazza
Orcid	https://orcid.org/0000-0002-4126-426X
Clinical activity	Registered Clinical Psychologist to the Lombardia (Italy) registry from 2011 (number 03/14021) – Registered Clinical Psychologist to the Veneto (Italy) registry from 2024 (number 14437)

Actual Position

From October 2024	- **Programme Director – MSc in Forensic Psychology and Clinical Criminology** - **Director of the II Level Master of Forensic Neuropsychology and Clinical Criminology**
From October 2023	**Responsible for the Neuropsychology Unit (including adult neuropsychology, child neuropsychology and forensic neuropsychology) of the University psychological clinical services**, University of Padova
From July 2023	**Director of the Specialization School of Neuropsychology,** University of Padova
From June 2023	**Associate Professor,** University of Padova
From 2026	Member of the **integrated research in Clinical Aging and neuRological DisordErs (CARELab), IRCCS S Camillo**

Academic Qualifications

2022 – 2024	**Vice Director of the II Level Master** of **Forensic Neuropsychology and Clinical Criminology,** University of Padova
2021- 2025	**Head of the "Translational Neuroimaging and Cognitive lab",** IRCCS S. Camillo, Venice
2021 - 2023	**Responsible for the quality certification ISO 9001 of the Specialization School in Neuropsychology**
May 2021	**Qualified FULL Professor** by the Italian Ministry of Education (MIUR) (Law 240/10, art.16, comma 1) for the topic 11/E1: General Psychology, Psychobiology and Applied Statistics- ASN 2018, sixth semester. Qualification valid from 31/05/2021 to 31/05/2030.
2020 - 2023	**Tenure track position - RTDB (Ricercatore a tempo determinato di tipo B)**- (Legge italiana 240/2010, art.24, comma 3, lettera B)
November 2018	**Qualified Associate Professor** by the Italian Ministry of Education (MIUR) (Law

240/10, art.16, comma 1) for the topic 11/E1: General Psychology, Psychobiology and Applied Statistics- ASN 2016, fifth semester. Qualification valid from 5/11/2018 to 5/11/2024.

October 2015 **II level Master: Forensic Neuropsychology and Psychopathology.** University of Padua. Dissertation title: "*The potential use of Voxel Based Morphometry in court***"**. Supervisor: Prof. Giuseppe Sartori.

2011- 2015 **International Joint Cognitive Neuroscience Ph.D with Research Grant.** University of Bologna. Dissertation title: *"Deficit in emotional embodiment in Alexithymia".* Supervisor: Prof. Elisabetta Làdavas; Prof. Giuseppe di Pellegrino.

2011 **II level Master: Clinical Neuropsychology.** University of Padua. Dissertation title: "*Early aphasia rehabilitation is associated with functional reactivation of the left inferior frontal gyrus: a pilot study*".

2011 Italian HCPC equivalent. Registered Clinical Psychologist to the Lombardia (Italy) registry (number 03/14021)

2008-2009 **MSc. Master's Degree in Experimental Psychology and Cognitive and Behavioral Neuroscience**. University of Padua. Degree dissertation title: "*Comparing gray matter loss profiles in frontotemporal dementia and Alzheimer's disease: a Cortical Pattern Matching Study*". Final grade: 110/110 cum laude.

2004-2007 **BSc. Bachelor's Degree in Psychological, Cognitive and Psychobiological Sciences.** University of Padua. Final Dissertation title: "*Cystatin C and brain structure: a voxel-based morphometry study.*" Final grade: 110/110 cum laude

Work Experiences – Previous Position

From June 2020- May 2023 **Tenure track position - RTDB (Ricercatore a tempo determinato di tipo B)**- (Legge italiana 240/2010, art.24, comma 3, lettera B)
RTDb (Ricercatore a tempo determinato di tipo B) - University of Padova
Visiting Researcher: Department of Psychosis Studies, Institute of Psychiatry, Psychology and Neuroscience, King's College London, UK.

From September 2018- May 2020 **Senior Postdoctoral Research Associate,** Department of General Psychology, University of Padua

- STARS Project**: "***Are we really studying genuine emotions? The problem of emotion genuineness"* (Project founded by the STARS Grant).
- External Ph.D. Supervisor for the Ph.D. student Alessio Miolla, whose Ph.D. has been founded by my STARS grant

Visiting Researcher, Department of Psychosis Studies, King's College London, UK.

- Ongoing Collaboration with King's College London for the Deep Learning Project : "*Using deep learning technology to make individualised inferences in brain-based disorders*".
- Second Ph.D. Supervisor for the Ph.D. student Lea Baecker.

April 2016 - March 2018 **Postdoctoral Research Associate**, Department of General Psychology, University of Padua.
Visiting Researcher: Department of Psychosis Studies, Institute of Psychiatry, Psychology and Neuroscience, King's College London, UK.
I worked on a project on translational neuroimaging of psychiatric disorders originated by the collaboration between the two universities (Padua and KCL). At the University of Padua I also worked on a project on forensic neuroscience. At the IoPPN I worked on an European-funded HORIZON 2020 multi-centre project, PSYSCAN (http://www.psyscan.eu) Work Package 2, legacy data.
Supervisors. Prof: Giuseppe Sartori, Dr. Andrea Mechelli.

October 2014-March 2016 **Clinical neuropsychologist with research fellowship (20% FTE)** at Spedali Civili of Brescia, Neuropsychological Unit, Brescia. Neuropsychological evaluations of patients with multiple sclerosis, brain injury and stroke.

Trial Coordinator (40%FTE) at Spedali Civili of Brescia, Multiple Sclerosis Centre, Montichiari, Brescia. My responsibilities were to coordinate the clinical trials at the site of Brescia (for instance CFTY720D2311 –Novartis-; RPC01-201 –Receptor-; CFTY720D2399 –Novartis-; CBAF312A2201 –Novartis-; WA21091 –Hoffman/La Roche-; 215MS201 –Biogen-), to deal with the CRAs, to prepare annual reports to the ethical committee of the Spedali Civili of Brescia; to entry the data into the eCRF,

to study the GCP.

Clinical psychologist with research fellowship (40%FTE) at Spedali Civili of Brescia, Multiple Sclerosis Centre, Brescia. My main duty was to coordinate an Italian multicenter study on a large dataset of patients with natalizumab induced progressive multifocal leukoencephalopathy (PML). I had to liaise with both the pharmacovigilance of Biogen and the neurologists in each Italian site when a new case of PML occurred. I constantly contacted the neurologists to obtain updates on the patients' clinical and MRI courses; I was responsible for the constant update of data entry of the baseline and follow up data. I also performed statistical analysis on the data.

October 2013-September 2014 **Third PhD year: Visiting Researcher** at the Institute of Psychiatry, Psychology and Neuroscience (IoPPN), King's College, London, UK. Analyses of structural neuroimaging data of patients with first episode of psychosis belonging to four different ethnic groups, aiming at investigating whether patients from different ethnicities are characterized by similar or different neuroanatomical deficits.

October 2011-September 2014 October 2011- June 2015: University of Bologna, **International Joint Cognitive Neuroscience Ph.D with Research Grant.** Cognitive and affective neuroscientific basis of Alexithymia.

October 2009-March 2010 **Visiting Student** at the IoPPN, King's College, London, UK. Analyses of structural neuroimaging data, using both univariate and multivariate techniques (Voxel Based Morphometry and machine learning support vector machine).

October 2009-September 2009 **Research Assistant** at LENITEM IRCCS S.Giovanni di Dio Fatebenefratelli, Neuroimaging Lab, Brescia. Multimodal imaging project on the differential diagnosis between Alzheimer disease and fronto-temporal dementia.

Teaching

MODULE LEADER:

- From 2024-2025:
  - ✓ "*Forensic Neuroscience and Neuroimaging*" (module in Italian) for the **MSc in Forensic Psychology and Clinical Criminology** (42 hours course).
  - ✓ "*Forensic Neuroscience*" (module in Italian) for the **Degree in La**w (48 hours course)
- From 2022-2023:
  - ✓ "*The psychology of witness and its role in tribunal decision-making*" (Module in Italian) for the Scuola Galileiana course (14 hours course).
  - ✓ "*Forensic Neuroscience*" (Module in English) for the **MSc** in Cognitive Neuroscience and Clinical Neuropsychology, University of Padova (14 hours course).
  - ✓ "*New Trends in Neuroscience*" (Module in English) for the **MSc** in Cognitive Neuroscience and Clinical Neuropsychology, University of Padova (42 hours course).
  - ✓ "*Nosografy in Neuropsychology*" (Module in Italian) for the **Specialization School in Neuropsychology**, University of Padova (14 hours course).
- 2020-2021:
  - ✓ "*Forensic Psychology*" (Module in Italian) for the Scuola Galileiana course (14 hours course).
  - ✓ "*Forensic Neuroscience*" (Module in English) for the **MSc** in Cognitive Neuroscience and Clinical Neuropsychology, University of Padova (14 hours course).
  - ✓ "*New Trends in Neuroscience*" (Module in English) for the **MSc** in Cognitive Neuroscience and Clinical Neuropsychology, University of Padova (42 hours course).
  - ✓ "*Nosografy in Neuropsychology*" (Module in Italian) for the **Specialization School in Neuropsychology**, University of Padova (14 hours course).
- "*Forensic Neuroscience*" (Module in English) for the **MSc** in Cognitive Neuroscience and Clinical Neuropsychology, University of Padova (14 hours course).
- 2019-2020: "*Analysis of structural images: voxel based morphometry and manual lesion tracing*" course (**Advanced Courses for the Scientific Research**) at the Department of General Psychology, University of Padova (20 hours course).
- 2018-2019: "*Forensic Neuroscience*" (Module in English) for the **MSc** in Cognitive Neuroscience and Clinical

Neuropsychology, University of Padova (14 hours course).

- 2018-2019: "*Analysis of structural images: voxel based morphometry and manual lesion tracing*" course (**Advanced Courses for the Scientific Research**) at the Department of General Psychology, University of Padova (20 hours course).
- 2017-2018: "*Analysis of structural images: voxel based morphometry and manual lesion tracing*" course (**Advanced Courses for the Scientific Research**) at the Department of General Psychology, University of Padova (20 hours course).
- 2016-2017: "*Clinical psychology*" course at the **Specialization School** in Radio-diagnostic, School of Medicine, University of Padova (8 hours course).
- 2015-2016: "*Clinical psychology*" course at the **Specialization School** in Radio-diagnostic, School of Medicine, University of Padova (8 hours course)

MODULE CO-LEADER:

- 2022-2023: "*Statistics for cognitive neuroscience*" for the **MSc** in Statistical Sciences, University of Padova (60 hours course; I am leading 22 hours).
- 2020-2021: "*Statistics for cognitive neuroscience*" for the **MSc** in Statistical Sciences, University of Padova (60 hours course; I am leading 22 hours).
- 2019-2020: "*Statistics for cognitive neuroscience*" for the **MSc** in Statistical Sciences, University of Padova (60 hours course; I am leading 22 hours).
- 2018-2019: "*Statistics for cognitive neuroscience*" for the **MSc** in Statistical Sciences, University of Padova (60 hours course; I am leading 22 hours).

MODULE SUPPORT:

- 2019-2020: "*Forensic Neuropsychology and Psychopathology*" course at the **MSc** in Neuroscience and Cognitive Rehabilitation, University of Padova (14 hours).
- 2018-2019: "*Forensic Neuropsychology and Psychopathology*" course at the **MSc** in Neuroscience and Cognitive Rehabilitation, University of Padova (14 hours).
- 2017-2018: "*Forensic Neuropsychology and Psychopathology*" course at the **MSc** in Neuroscience and Cognitive Rehabilitation, University of Padova (20 hours).
- 2017-2018: Teaching support to the core module (Basic Mental Health) of the **MSc** in Mental Health Studies (Department of Psychosis Studies, King's College London) (total of 91.5 teaching hours in the educational database). **I won the 2nd place at the Feedback Excellence Recognition, as the best example of insightful, critical and enabling feedback in marking the students research proposal**.

LECTURES IN POST-GRADUATED COURSES:

- 27-28 June 2019: Lecture at the **I level Master** in criminological and forensic sciences, investigations and security (CRISIS: http://www.mastercrisis.it/docenti/), University La Tuscia. Lecture title: "*The aIAT (Autobiographic Association Test): the memory detector*" (6 hours lecture).
- 5 June 2019. Lecture at the **level Master** in Forensic Neuropsychology and Psychopathology, University of Padova. Lecture title: "Forensic Neuroscience, presentation of real cases" (5 hours lecture).
- 20 October 2018: lecture at the **II level Master** in Forensic Neuropsychology and Psychopathology, University of Padova. Lecture title: "*The integration of neuroscientific findings in the forensic reasoning*". (4 hours lecture).
- 15-16 March 2018: **I level Master** in criminological and forensic sciences, investigations and security (CRISIS: http://www.mastercrisis.it/docenti/), University La Tuscia. Lecture title: "*The aIAT (Autobiographic Association Test): the memory detector*" (6 hours lecture) http://www.tusciaweb.eu/2018/03/allunitus-va-scena-la-macchina-della-memoria/
- March 2017: Lecture at the **II level Master**: "Neuropsychologia: assessment, diagnosis and rehabilitation. VI edition". Lecture title: "*Neuropsychological rehabilitation of dementia and multiple sclerosis*". Università Cattolica del Sacro Cuore, Milano. (4 hours lecture)

INVITED LECTURES

- 11 July 2020: Lecture at the **Specialization School** in Psychotherapy (http://www.slop.it/). Lecture title: "Neuroscientific approach to insanity evaluation" (3 hours);
- 20 March 2018 lecture at the Course of "*Forensic Neuropsychology*", **MSc** in Neuroscience and Cognitive Rehabilitation, University of Padova. Lecture title: "*The use of aIAT in the forensic setting*" (2 hours lecture);
- 26 April 2018: lecture at the Course of "*Forensic Neuropsychology*", **MSc** in Neuroscience and Cognitive Rehabilitation, University of Padova. Lecture title: "*The application of neuroscientific techniques to forensic psychiatry: two cases*" (2 hours lecture);
- November 2017: Invited lecture at the Warwick Business School, Warwick University: "*Potential application of the neuroscientific findings to the real word settings*". (2 hours lecture);

- May 2017: Invited lecture at the medical training of Biogen Italia Srl. "*Update on the progressive multifocal leukoencephalopathy Italian dataset*." (4 hours lecture);
- July 2016: Lecture at the **Specialization School** in Psychotherapy (http://www.slop.it/). Lecture title: "*The role of neuroscience in court. Cases presentation."* (4 hours lecture)
- From 2012 to 2015, yearly lectures (7 hours each) at the specialization course on dysgraphia, hold by http://www.disgrafie.eu/ Talk title: "*Neurobiological and Neuropsychological underpinnings of dysgraphia."*

TEACHING ASSISTANT/EXPERT/ITALIAN "CULTORE DELLA MATERIA":

From 2018-2019:

- "*Forensic Neuropsychology and Psychopathology*" course at the **MSc** in Neuroscience and Cognitive Rehabilitation, University of Padova. (M-PSI/02)- decreto 179/2018 prot 1513 of 17-07-2018;

Skills

PhD Supervisor

- **First supervisor** of the PhD candidate Camilla Frangi (PhD in Neuroscience, UniPD)
- **First supervisor** of the PhD candidate Alexa Schincariol (PhD in Neuroscience, UniPD, founded with my PRIN 2022 Grant)
- **First supervisor** of the PhD candidate Cristiano Costa (PhD in Neuroscience, UniPD)
- **Second supervisor** of the PHD candidate Alessandro Miscioscia (PhD in Neuroscience, UniPD)
- **Third supervisor** of the PHD candidate Paola Santacesaria (PhD in Neuroscience, UniPD)
- **External Supervisor**: Alessio Miolla, UNIPD, (Ph.D. in Brain, Mind and Computer science founded with my STAR grant)
- **Second Supervisor**: Lea Baecker, KCL (PhD in Early Intervention in Psychosis)

Postdoc Supervisor

- Supervisor of the Research Assistant Camilla Frangi (founded with my PRIN 2022 grant) – 1 year-
- Supervisor of the Postdoc Giulia Melis (founded with my PRIN PNRR 2022 grant)-1.5 year-
- Supervisor of the Postdoc Fiorella Del Popolo Cristaldi (founded with my PRIN PNRR 2022 grant)

MSc sudent supervision

- Students I mentored at the University of Padova as **Supervisor (internship + MSc dissertation)**: Giulia Grimaldi, Erica Strada, Alice Boschetti, Barbara Pasquini.
- Students I mentored at the University of Padova as **co-supervisor**: Maria Lucia Bianchetti, Giulia Povesi, Arianna Forgione, Denise Mellace, Federica Ferrari, Valentina Falconetti, Francesco Allegrini, Camilla Bertuso, Marianna Lanaro, Martina Contiero, Anna Evangelisti, Debora Zacoletti, Daniela Gamberini, Paolina Rosani, Domenico Chirullo, Alessio Miolla, Maria Vittoria Turrini, Stefania De Simone, Andrea Zangrossi, Leida Simonetto.
- Student's I'm mentoring or I mentored at King's College London as **first supervisor**:
  - ✓ 2017-2018: Aneta Lukianska, Amanda Mo, Kirsten Lee
  - ✓ 2018-2019: Toru Yoshikawa, Madeline Oppenheim, Umer Wahid

Postgraduate student supervision

- Students I mentored for the **post lauream internship**: Cristiano Costa; Ilenia Caggiu.
- Students I am **supervising** for the **I level Master** in criminological and forensic sciences, investigations and security (CRISIS, La Tuscia University): Bataloni Beatrice, Cannone Francesco.
- Students I am **co-supervising** for the **II level Master** in Forensic Neuropsychology and Psychopathology (University of Padova): Ilenia Caggiu, Leonardo Triggiani.

Professional Activities

National/international project participation

- **International**: Participation to the Horizon 2020 EU Founded Project PSYSCAN "*Translating neuroimaging findings from research into clinical practice* (Project Number ID: 603196),

http://psyscan.eu/ .

- **International**: Participation to the Wellcome Trust founded Project "*Using deep learning technology to make individualised inferences in brain-based disorders"* (208519/Z/17/Z).
- **National (Italy)**: Participation to the Italian PML working group.
- **National (Italy)**: Participation at the **Board Meeting** of the project: "*Consensus on the prevention and management of infections in patients with multiple sclerosis and treated with biological and non biological drugs*". 16th November 2017; 24 January 2018

External evaluator grants

- **External expert Reviewer for FISM** (Federazione Italiana Sclerosi Multipla: Italian Federation of Multiple Sclerosis). I have been called to act as an expert Reviewer for the Grant application procedure. I have been the Reviewer for one grant in the summer of 2020.
- **External expert Reviewer for FISM** (Federazione Italiana Sclerosi Multipla: Italian Federation of Multiple Sclerosis). I have been called to act as an expert Reviewer for the Grant application procedure. I have been the Reviewer for three grants in the summer of 2019.
- **External expert Reviewer for FISM** (Federazione Italiana Sclerosi Multipla: Italian Federation of Multiple Sclerosis). I have been called to act as an expert Reviewer for the Grant application procedure. I have been the Reviewer for three grants in the summer of 2018.

Conferences external expert

- External Reviewer for the abstract rating of OHBM Conference 2019. I have been involved in the rating of 34 abstracts.

Symposia Organization

- Organization of a scientific symposium at the IJCNN 2019: international joint conference on Neural network. Special Session title: "*Deep learning for brain data*". 14-19 July 2019, Bucarest.
- Organization of a scientific symposium at the International Academy of Law and Mental Health (IALMH) that will be held in Lion (France) in the summer of 2022. Symposium title: "*Forensic neuroscience: the potential usefulness of neuroimaging techniques*".
- Organization and member of the scientific committee of the Winter School MRInference, that will be held in February 2021 online due to the COVID-19pandemic, but that was initially organized at the University of Padova. https://www.dpss.unipd.it/winterschool-2021/organizers

Editorial activity

- From January 2018: **Review Editor** for Frontiers in Psychology, section of Forensic and Legal Psychology; http://loop.frontiersin.org/people/239636/overview
- From June 2017: **Associate Editor** for Frontiers in Psychiatry, section of Forensic Psychiatry. http://loop.frontiersin.org/people/239636/overview
- **Topic Editor** for a Frontiers Research Topic: "*Deception in Court: Open Issues and Detection Techniques"*. http://journal.frontiersin.org/researchtopic/6719/deception-in-court-open-issues-and-detection-techniques

Reviewer

- **Ad hoc Reviewer** for the following journals: Translational Psychiatry, Brain, PlosOne, Neuroscience Letters, American Journal of Neuroradiology, BCM Psychology; Journal of Personality; Scientific Report; Schizophrenia Research; International Journal of Law and Psychiatry; Frontiers in Pyschology, Section of Forensic and Legal psychology.

Professional membership

- Member of the Italian society of neuropsychology http://www.sinp-web.org/soci/
- Member of the Italian society of forensic Psychology http://www.psicologiagiuridica.net/
- Member of the Organization of Human Brain Mapping https://www.humanbrainmapping.org

Other

- **Member of the "machine learning in mental health lab"** https://mlmh-lab.github.io/
- **Medical Writer** for a FAD (Formazione a distanza) course on the impact of last generation disease modifying drugs on highly active multiple sclerosis;
- In 2018 I have been part of the *interview panel* for post doc and research assistant selection at KCL.
- 2016: External expert Reviewer for a PhD thesis from Universidad Complutense de Madrid, Facultad de Psicologia, Departamento de Psicologia Basica II. PhD thesis title: "Brain magnetic activity profiles of young binge drinkers."

- 2018: External expert Reviewer for a PhD thesis from Universidad Complutense de Madrid

Scientific Publications

Summary: 114 publications, 31 as first author, 20 as last author
Source Scopus: h index =37, citations = 4055
Source Google Scholar: h index =44, citations= 5838 (March 2026)

Multiple Sclerosis: – 11 papers (1 first author, 1 last author)

1. Ziccardi, S., Pezzetta, R., Schincariol, A., Guarnaccia, F., Tamanti, A., Marastoni, D., ... & **Scarpazza, C**. (2026). Dynamic emotion recognition and authenticity detection in multiple sclerosis: preliminary cognitive, behavioral, and neuroimaging evidence. Multiple Sclerosis and Related Disorders, 107155.
2. Lago, S., Bevilacqua, F., Stabile, M. R., **Scarpazza, C.,** Bambini, V., & Arcara, G. (2022). Case report: Pragmatic impairment in multiple sclerosis after worsening of clinical symptoms. *Frontiers in Psychology*, *13*.
3. Moiola, L., Barcella, V., Benatti, S., Capobianco, M., Capra, R., Cinque, P., **Scarpazza, C**... & Riva, A. (2021). The risk of infection in patients with multiple sclerosis treated with disease-modifying therapies: A Delphi consensus statement. *Multiple Sclerosis Journal*, *27*(3), 331-346.
4. Riva, A., Barcella, V., Benatti, S. V., Capobianco, M., Capra, R., Cinque, P., **Scarpazza, C** ... & Moiola, L. (2021). Vaccinations in patients with multiple sclerosis: A Delphi consensus statement. *Multiple Sclerosis Journal*, *27*(3), 347-359.
5. Chiarini, M., Capra, R., Serana, F., Bertoli, D., Sottini, A., Giustini, V., **Scarpazza, C**... & SURROGATE Study Group. (2020). Simultaneous quantification of natural and inducible regulatory T-cell subsets during interferon-β therapy of multiple sclerosis patients. *Journal of Translational Medicine*, *18*(1), 169.
6. Grippa, E., Sellitto, M., **Scarpazza, C**., Mattioli, F., & Di Pellegrino, G. (2017). Multiple sclerosis reduces sensitivity to immediate reward during decision making. *Behavioral Neuroscience*, *131*(4), 325.
7. Mattioli, F., Stampatori, C., Bellomi, F., **Scarpazza, C**., & Capra, R. (2015). Natalizumab significantly improves cognitive impairment over three years in MS: pattern of disability progression and preliminary MRI findings. *PloS one*, *10*(7), e0131803.
8. Rasia, S., Cordioli, C., De Rossi, N., Pimazzoni, F., **Scarpazza, C**., Imberti, L., Capra, R. (2015). Natalizumab to fingolimod switching in multiple sclerosis: results from a "real word" retrospective analysis. *J Mult Scler*, *2*(142), 2376-0389.
9. **Scarpazza, C**., Braghittoni, D., Casale, B., Malagú, S., Mattioli, F., di Pellegrino, G., & Ladavas, E. (2013). Education protects against cognitive changes associated with multiple sclerosis. Restorative neurology and neuroscience, 31(5), 619-631.
10. Mattioli, F., Stampatori, C., **Scarpazza, C**., Parrinello, G., & Capra, R. (2012). Persistence of the effects of attention and executive functions intensive rehabilitation in relapsing remitting multiple sclerosis. *Multiple sclerosis and related disorders*, *1*(4), 168-173.

Progressive multifocal leukoencephalopathy in multiple sclerosis: – 13 papers (6 first author, 1 last author)

11. Bertoli, D., Sottini, A., Capra, R., **Scarpazza, C.,** Bresciani, R., Notarangelo, L. D., & Imberti, L. (2019). Lack of specific T-and B-cell clonal expansions in multiple sclerosis patients with progressive multifocal leukoencephalopathy. *Scientific Reports*, *9*(1), 16605.
12. Mancinelli, C. R., **Scarpazza, C.,** Cordioli, C., De Rossi, N., Rasia, S., Turrini, M. V., & Capra, R. (2021). Switching to ocrelizumab in RRMS patients at risk of PML previously treated with extended interval dosing of natalizumab. *Multiple Sclerosis Journal*, *27*(5), 790-794.
13. **Scarpazza, C.,** De Rossi, N., Tabiadon, G., Turrini, M. V., Gerevini, S., & Capra, R. (2019). Four cases of natalizumab-related PML: a less severe course in extended interval dosing?. *Neurological Sciences*, *40*(10), 2119-2124.
14. **Scarpazza, C**., Signori, A., Cosottini, M., Sormani, M. P., Gerevini, S., & Capra, R. (2020). Should frequent MRI monitoring be performed in natalizumab-treated MS patients? A contribution to a recent debate. *Multiple Sclerosis Journal*, *26*(10), 1227-1236.
15. **Scarpazza, C**., Signori, A., Prosperini, L., Sormani, M. P., Cosottini, M., Capra, R., ... & Italian PML Group. (2019). Early diagnosis of progressive multifocal leucoencephalopathy: longitudinal lesion evolution. *Journal of Neurology, Neurosurgery & Psychiatry*, *90*(3), 261-267.
16. Landi, D., Centonze, D., Marfia, G. A., Capra, R., & **Scarpazza, C**. (2018). Do we have enough evidence for recommending therapeutic apheresis for natalizumab-related progressive multifocal leukoencephalopathy patients? Comment on" Guidelines on the use of therapeutic apheresis in clinical practice-evidence-based approach from the Writing Committee of the American Society for apheresis: The seventh special issue.". *Journal of Clinical Apheresis*, *33*(3), 450-451.
17. Mancinelli, C. R., **Scarpazza, C.,** Santuccio, G., De Rossi, N., & Capra, R. (2018). Dealing with highly active multiple sclerosis after natalizumab-associated PML: could rituximab be of help?. *Neurological*

Sciences, *39*(5), 965-966.

18. **Scarpazza, C**., Prosperini, L., De Rossi, N., Moiola, L., Sormani, M. P., Gerevini, S., ... & Italian PML Group. (2017). To do or not to do? Plasma exchange and timing of steroid administration in progressive multifocal leukoencephalopathy. *Annals of Neurology*, *82*(5), 697-705.
19. Prosperini, L., **Scarpazza, C**., Imberti, L., Cordioli, C., De Rossi, N., & Capra, R. (2017). Age as a risk factor for early onset of natalizumab-related progressive multifocal leukoencephalopathy. *Journal of neurovirology*, *23*(5), 742-749.
20. **Scarpazza, C.,** Prosperini, L., Mancinelli, C. R., De Rossi, N., Lugaresi, A., Capobianco, M., ... & Capra, R. (2017). Is maraviroc useful in multiple sclerosis patients with natalizumab-related progressive multifocal leukoencephalopathy?. *Journal of the Neurological Sciences*, *378*, 233-237.
21. Landi, D., De Rossi, N., Zagaglia, S**., Scarpazza, C**., Prosperini, L., Albanese, M., ... & Italian PML study group. (2017). No evidence of beneficial effects of plasmapheresis in natalizumab-associated PML. *Neurology*, *88*(12), 1144-1152.
22. **Scarpazza, C**., De Rossi, N., Moiola, L., Gerevini, S., Cosottini, M., Capra, R., & Mattioli, F. (2017). The still under-investigated role of cognitive deficits in PML diagnosis. *Multiple Sclerosis and Demyelinating Disorders*, *2*(1), 1.
23. Prosperini, L., De Rossi, N., **Scarpazza, C.,** Moiola, L., Cosottini, M., Gerevini, S., ... & Italian PML Study Group. (2016). Natalizumab-related progressive multifocal leukoencephalopathy in multiple sclerosis: findings from an Italian independent registry. *PLoS One*, *11*(12), e0168376.

Translational Neuroimaging: – 21 papers (5 first author)

24. Vieira, S., Baecker, L., Pinaya, W. H. L., Garcia-Dias, R., **Scarpazza, C**., Calhoun, V., & Mechelli, A. (2025). Neurofind: using deep learning to make individualised inferences in brain-based disorders. *Translational psychiatry*, *15*(1), 69.
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perspectives. *Neuroscience and Neuroeconomics*, 19-35.

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Forensic Neuroscience – 25 papers (10 first author, 6 last author)

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imaging and behavior, 1-12.

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63. Camperio Ciani, A. S. C., **Scarpazza, C*****., Covelli, V., & Battaglia, U. (2019). Profiling acquired pedophilic behavior: Retrospective analysis of 66 Italian forensic cases of pedophilia. *International journal of law and psychiatry*, *67*, 101508**..**
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65. Monaro, M., Toncini, A., Ferracuti, S., Tessari, G., Vaccaro, M. G., De Fazio, P., ... & Sartori, G; **Scarpazza C***.** (2018). The detection of malingering: a new tool to identify made-up depression. *Frontiers in Psychiatry*, *9*, 249. (Joint Last authorship).
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Emotions processing: – 15 papers (6 first author, 3 last author)

70. **Scarpazza, C**., Straulino, E., Sartori, L., & Del Popolo Cristaldi, F. (2026). Preliminary evidence of kinematic overlap in posed, but not spontaneous, facial expressions of fear and surprise. *Scientific Reports*.
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74. Straulino, E., **Scarpazza, C**., & Sartori, L. (2023). What is missing in the study of emotion expression?. *Frontiers in Psychology*, *14*, 1158136.
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and disgust in alexithymia. *PLoS One*, *10*(10), e0140229.

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Normative data of neuropsychological tests: (3 papers: 1 as first author)

85. **Scarpazza, C**., Gramegna, C., Costa, C., Pezzetta, R., Saetti, M. C., Preti, A. N., ... & Bolognini, N. (2024). The Emotion Authenticity Recognition (EAR) test: normative data of an innovative test using dynamic emotional stimuli to evaluate the ability to recognize the authenticity of emotions expressed by faces. *Neurological Sciences*, 1-13.
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Meta-analysis: (11 papers: 1 as first author; 7 as last author)

88. Schincariol, A., Orrù, G., Otgaar, H., Sartori, G., & **Scarpazza, C**. (2024). Posttraumatic stress disorder (PTSD) prevalence: an umbrella review. *Psychological Medicine*, *54*(15), 4021-4034.
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95. **Scarpazza, C**., Lattanzi, G. M., Antoniades, M., Di Fabio, F., Sartori, G., Eickhoff, S. B., ... & Tognin, S. (2019). Systematic review and multi-modal meta-analysis of magnetic resonance imaging findings in 22q11. 2 deletion syndrome: Is more evidence needed?. *Neuroscience & Biobehavioral Reviews*, *107*, 143-153.
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98. Cona, G., **Scarpazza, C**., Sartori, G., Moscovitch, M., & Bisiacchi, P. S. (2015). Neural bases of prospective memory: a meta-analysis and the "Attention to Delayed Intention"(AtoDI) model. *Neuroscience & Biobehavioral Reviews*, *52*, 21-37.

Projects collaboration: 13 papers (1 first author, 2 last author)

99. Cataneo, A., Marino, M., Manzo, N., **Scarpazza, C**., Arcara, G., Mapelli, D., & Masina, F. (2026). Gamma transcranial alternating current stimulation increases segregation in the sensorimotor network. *Frontiers in Psychology*, *17*, 1746459.
100. Costa, C., Pezzetta, R., Toffalini, E., Grassi, M., Cona, G., Miniussi, C., ... & **Scarpazza, C**. (2025). Enhancing the quality and reproducibility of research: Preferred Evaluation of Cognitive and Neuropsychological Studies-The PECANS statement for human studies. *Behavior Research Methods*, *57*(7), 182.
101. Costa, C., **Scarpazza, C**., & Filippini, N. (2025). The anterior insula engages in feature-and context-level predictive coding processes for recognition judgments. *Journal of Neuroscience*, *45*(5).
102. Orrù, G., Cesari, V., Malloggi, E., Conversano, C., Menicucci, D., Rotondo, A., **Scarpazza C** & Gemignani, A. (2022). The effects of Transcranial Direct Current Stimulation on food craving and food intake in individuals affected by obesity and overweight: a mini review of the magnitude of the effects. *AIMS neuroscience*, *9*(3), 358-372.
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104. Quaresima, V., **Scarpazza, C**., Sottini, A., Fiorini, C., Signorini, S., Delmonte, O. M., ... & Imberti, L. (2021). Sex differences in a cohort of COVID-19 Italian patients hospitalized during the first and second pandemic waves. *Biology of sex Differences*, *12*(1), 1-11.
105. **Scarpazza, C**., De Rossi, N., Filippini, C., Cordioli, C., Rasia, S., Mancinelli, C. R., ... & Capra, R. (2020). Early use of low dose tocilizumab in patients with COVID-19: a retrospective cohort study with a complete follow-up. *EClinicalMedicine*, *25*.
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109. Mattioli, F., Ambrosi, C., Mascaro, L., **Scarpazza, C**., Pasquali, P., Frugoni, M., ... & Gasparotti, R. (2014). Early aphasia rehabilitation is associated with functional reactivation of the left inferior frontal gyrus: a pilot study. *Stroke*, *45*(2), 545-552.
110. Beck, B., Bertini, C., **Scarpazza, C**., & Làdavas, E. (2013). Observed touch on a non-human face is not remapped onto the human observer's own face. *PLoS One*, *8*(11), e73681.
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Publications in congresses: - 2 papers -

112. Cardaioli, M., Miolla, A., Conti, M., Sartori, G., Monaro, M., **Scarpazza, C**., & Navarin, N. (2022, July). Face the truth: interpretable emotion genuineness detection. In *2022 International Joint Conference on Neural Networks (IJCNN)* (pp. 01-08). IEEE.
113. Monaro, M., Capuozzo, P., Ragucci, F., Maffei, A., Curci, A., **Scarpazza, C**., ... & Sartori, G. (2020, July). Using blink rate to detect deception: A study to validate an automatic blink detector and a new dataset of videos from liars and truth-tellers. In *International Conference on Human-Computer Interaction* (pp. 494-509). Cham: Springer International Publishing.

Papers where I am a contributor as Member of a Working Group

1. Hutten, J. C., Van Horn, J. E., Hoppenbrouwers, S. S., Ziermans, T. B., Geurts, H. M., & Forensic Neuropsychology Consortium. (2024). Neuropsychological assessment of aggressive offenders: a Delphi consensus study. *Frontiers in Psychology*, *15*, 1328839.
2. Tognin, S., van Hell, H. H., Merritt, K., Winter-van Rossum, I., Bossong, M. G., Kempton, M. J., ... & McGuire, P. (2020). Towards precision medicine in psychosis: benefits and challenges of multimodal multicenter studies—PSYSCAN: translating neuroimaging findings from research into clinical practice. *Schizophrenia bulletin*, *46*(2), 432-441.
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5. Galluzzi, S., Geroldi, C., Ghidoni, R., Paghera, B., Amicucci, G., Bonetti, M., ... & Translational Outpatient Memory Clinic Working Group. (2010). The new Alzheimer's criteria in a naturalistic series of patients with mild cognitive impairment. *Journal of neurology*, *257*, 2004-2014.

Publications in Italian Journals

1. **Scarpazza, C**., Schincariol, A., Zangrossi, A., Melis, G., Monaro, M., & Sartori, G. (2026). Nucleo tematico di psicologia giuridica: introduzione. *Giornale italiano di psicologia*, *53*(1), 141-146.
2. Preschern, G., Sartori, G., **Scarpazza, C.,** & Gnoato, F. (2025). Neuroscienze cognitive e giustizia penale: il contributo della neuropsicologia alla valutazione dell'imputabilità. *Giornale italiano di psicologia*, *52*(3), 529-541.
3. **Scarpazza, C.,** & Ghidini, G. (2023). I bias cognitivi: tra scienza e processo. Risposta ai commenti. *Giornale italiano di psicologia*, *50*(4), 875-899.
4. **Scarpazza, C.,** & Ghidini, G. (2023). I bias cognitivi e la loro influenza sull'esito processuale. *Giornale italiano di psicologia*, *50*(4), 757-780.
5. **Scarpazza, C.,** Ciani, A. S. C., & Ferracuti, S. (2020). Idiopathic vs acquired pedophilic behavior: a critical analysis. *RASSEGNA ITALIANA DI CRIMINOLOGIA*, (3), 212-219.
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Book's Chapters

INTERNATIONAL CHAPTERS of Forensic Neuroscience:

1. Boschetti, A., Ciani, A. C., & **Scarpazza, C.** (2023). Sexual offenses and the brain. *Handbook of Clinical Neurology*, *197*, 161-179.
2. **Scarpazza, C**., Berryessa, C. M., & Focquaert, F. (2021). A biopsychosocial approach to idiopathic versus acquired paedophilia: What do we know and how do we proceed legally and ethically?. In *Neurolaw: Advances in Neuroscience, Justice & Security* (pp. 145-178). Cham: Springer International Publishing.
3. Sartori, G., Orrù, G., & **Scarpazza, C.** (2020). The methodology of forensic neuroscience. In *Neuroscience and Law: Complicated Crossings and New Perspectives* (pp. 453-473). Cham: Springer International Publishing.
4. Mameli, F., Sartori, G., **Scarpazza, C**., Zangrossi, A., Pietrini, P., Fumagalli, M., & Priori, A. (2016). Honesty. In *Neuroimaging personality, social cognition, and character* (pp. 305-322). Academic Press.

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1. "*Neuroscienze e diritto*" by Sara Codognotto, **Cristina Scarpazza**, Sara Agosta (in Italian), in *Manuale di Psicologia Giuridica*, edited by Sara Pezzuolo and Silvio Ciappi. Hogrefe Editore. In press.
2. "*The neuro science of acquired pedophilia: neuroimaging and forensic consideration*" by Giuseppe Sartori, **Cristina Scarpazza**, Pietro Pietrini, in "*Genetics, Robotics, Law, Punishment"* Provolo D, Riondato S, Yenisey F (edited by). Padova University Press. 2014, pp. 293-312.
3. "*Pathological decisions and the brain: the criminal behavior*" by Giuseppe Sartori, **Cristina Scarpazza** and Graziella Orrù, in "L'Operazione decisoria, da emanazione divina alla prova scientifica" De Cataldo Neuburger Luisella (edited by). CEDAM (in italian). 2014. pp. 209-231.
4. "*Criminal behavior*" by Giuseppe Sartori and **Cristina Scarpazza**, in "*Psychobiology of normal and pathological behavior*" Costanza Papagno and Alberto Gallace (edited by). Il Mulino (in italian). 2014. pp. 139-160.
5. "*Brain and Responsibility*" by Giuseppe Sartori and **Cristina Scarpazza**, in "*How much are we responsible? Philosophy, euro science and society*" Mario De Caro, Andrea Lavazza, Giuseppe Sartori (edited by). Codice Edizioni (in italian).2013. pp. 59-82.

OTHER INTERNATIONAL:

1. **Scarpazza, C**., Baecker, L., Vieira, S., & Mechelli, A. (2020). Applications of machine learning to brain disorders. In *Machine learning* (pp. 45-65). Academic Press
2. ***Scarpazza, C.,** & Di Pellegrino, G. (2018). Alexithymia, embodiment of emotions and interoceptive abilities. Current developments in alexithymia: A cognitive and affective deficit, 35-53*

OTHER NATIONAL:

1. "*La riabilitazione cognitiva*" by Flavia Mattioli and **Cristina Scarpazza**. In: Sclerosi Multipla e Malattie demielinizzanti del sistema nervoso centrale, Nuovi Orizzonti, Edited by Giancarlo Comi. Edizioni Minerva Medica
2. "*Progressive Multifocal Leukoencephalopathy in Italy: clinical features and indication for treatment*." By **Cristina Scarpazza**, Stefano Parravicini and Rugero Capra, in "*Monitoring long-term treatment with natalizumab: clinical and neuroradiological findings from the Italian PML database"* Simonetta Gerevini, Mirco Cosottini and Ruggero Capra (edited by). Springer Healthcare communications. (in italian). 2017, pp. 5-39.

Awards

Research Title	***Sponsor***	***Type of award***
Investigating the Brain Network consistently impaired in acquired pedophilia	The 10th IBRO World Congress of Neuroscience (Daegu-Korea)- 2019-	Travel Award (€1800)
Should Immune Reconstitution Inflammatory Syndrome in natalizumab related Progressive Multifocal Leukoencephalopathy be prevented?	ECTRIMS Stokholm -2019-	Travel Award (€400)
n/a (evaluation based on CV and motivational letter rather than on a project)	OHBM (Organization of Human Brain Mapping) – 2019-	Hackathon Travel Award ($500)
From groups to individuals: adapting neuroimaging techniques to be applied in daily clinical and forensic settings	Italian Association of Women Innovators and Inventors (ITWIIN) -2018-	ITWIIN Award– Special mention for Medicine
Progressive Multifocal Leukoencephalopathy in extended interval dosing of Natalizumab: four cases from the Italian PML cohort.	ECTRIMS Berlin -2018-	Travel Award (€400)
When the single matters more than the group: translational neuroimaging applied to psychiatry	**Italian Embassy London - 2018-**	**"Italy Made Me" Award Innovative Research Award (£500)**
A trans-diagnostic neuro-anatomical signature of psychiatric illness	SIRS Florence -2018-	Travel Award ($500)
Early diagnosis of PML: results from the Italian cohort	ECTRIMS Paris -2017-	Travel Award (€400)
To do or not to do? Plasma exchange and steroids in progressive multifocal leukoencephalopathy management	ECTRIMS London -2016-	Travel Award (€400)
Structural neural basis of Alexithymia	University of Bologna -2014-	"Marco Polo" Travel Award (€1887), Decreto n.21 Prot n. 245 del 25/02/2014
Visceral Mind Summer School	Bangor University -2012-	Travel Award (Selected student for Summer school attendance)

GRANTS

Type of Grant (funding source)	***Duration***	***Title***	***Role***	***Amount***	***ID***
Ricerca finalizzata, bando Giovani ricercatori (Ministero della Salute)	3 years	Delving into the Hidden Influence of Fatigue on Cognitive Function in Multiple Sclerosis: Validating a Novel Cognitive Battery with Integrated Fatigue Norms Through Longitudinal Touchpad Technology and Telemedicine	PI	€450.000	GR-2024-12377511
FISM Fondazione Italiana Sclerosi Multipla	3 years	Optimizing longitudinal assessment of cognitive impairment in multiple sclerosis: opportunities from tele-health medicine	PI	€283.000	2025/R-Multi/31 Cup: I77G26000040005
PRIN PNNR, Ministry of University and Research	2 years - Dic23-Nov25	How we perceive emotions' authenticity: neural basis and rehabilitation pathways	PI	€224.678	P2022LC5AK
PRID, University of Padova	2 years	Come viene percepita la genuinità delle emozioni espresse dai volti? Uno studio fMRI su partecipanti sani.	PI	€10.000	
PRIN 2022, Ministry of University and	2 years-Oct 23-Sept 25	The influence of emotions on action control: brain network plasticity and potential trans-diagnostic applications.	Co-PI	€212.000	2022XKZBFC

Research					
STARS (Supporting Talent in Research) Grant, University of Padova	1st June 2018-31st May 2020	Are we really studying pure emotions? The problem of genuineness of emotional expressions.	PI	€139.353	CdA Rep 40, 23.02.2018
Individual Fellowship, University of Padova	2 years 2018-2020	Are we really studying pure emotions? The problem of genuineness of emotional expressions.	PI	€38.374	Decreto 308; Prot. 2725; Anno 2017; Tit 111, Cl 13, fasc. 11
Ministerial Doctoral Fellowship, Italian Ministry of Education	3 years 2011-2014	PhD. Ministerial Fellowship	PI	€37.200	-----

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

5 Maggio 2026

Cristina Scarpazza

Firmato digitalmente da Cristina Scarpazza
Data: 28.05.2026 17:58:07 CEST