



# Giorgio Arcara

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## WORK POSITIONS

- 2022 – ONGOING **Deputy Scientific Director**  
*IRCCS San Camillo Hospital, Venice, Italy*
- 2019 – ONGOING **Head of Laboratory**  
Laboratory of Neurophysiology  
*IRCCS San Camillo Hospital, Venice, Italy*
- 2016-2019 **Researcher**  
Magnetoencephalography Laboratory  
*IRCCS San Camillo Hospital, Venice, Italy*
- 2014 – 2016 **Post-doc researcher**  
Department of Neuroscience  
*University of Padua, Padua, Italy*
- 2012 – 2014 **Research Fellow**  
Grant RF-2009-1530973  
*IRCCS San Camillo Hospital, Venice, Italy*
- 2011 – 2012 **Post-doc researcher**  
Department of Information Engineering  
*University of Padua, Padua, Italy*
- 2010 – 2011 **Post-doc researcher**  
Department of General Psychology  
*University of Padua, Padua, Italy*

## EDUCATION

- 2007 – 2009 **Doctor of Philosophy**  
Psychobiology, Doctoral School in Psychological Science  
*University of Padua, Padua, Italy*
- 2006 **1-year Post Graduate course (Master)**  
Neuropsychology of acquired cognitive disorders  
*University of Padua, Padua, Italy*
- 2000-2005 **Master Degree**  
110/110 CUM LAUDE  
Psychology  
*University of Padua, Padua, Italy*

## GRANT, AWARDS, AND FUNDINGS

- 2024 **INEST HEALTLINK (PNRR)**  
Amount: 90.000 €, Role: Team member
- 2023 **Malvestio ERMES1 (Private financing)**  
Amount: 96.000 €, Role: PI
- 2021 **Grant GR-2019-12368960 GAMMASTROKE (MoH)**  
Amount: 450.000 €, Role: Co-PI
- 2020 **Grant GR-2018-12366092 PATHS (MoH)**  
Amount: 449.000 €, Role: PI

## MAIN RESEARCH INTERESTS

- **Cognitive Neuroscience**  
Focus on neuroscience of language and communication.
- **Neurophysiology**  
Focus on neurophysiological correlates of predictive processing and on biomarkers of stroke recovery.
- **Psychometrics**  
Focus on the development of new neuropsychological tests and on methodological improvements in clinical neuropsychology.
- **Statistical analysis**  
Application of advanced analytical methods (Mixed models, Generalized Additive Models, Machine Learning, etc.).
- **Open Science**  
Focus on sharing knowledge, sharing data, and reproducibility of analysis code.

## PUBLICATIONS

**H-Index:** 24 (Scopus), 30 (Scholar).

Author of more than 100 articles in peer reviewed journals.  
For a complete list see:

- [Scopus Link](#)
- [Scholar Link](#)

## TEACHING

- **Statistical Methods for Forensic Neuropsychology** (Faculty of Psychology)  
(2023-2024, 2024-2025)  
*University of Padua* - Adjunct Professor
- **Statistical Methods for Clinical Experiments** (Faculty of Psychology)  
(2019-2020, 2022-2023, 2023-2024)  
*University of Padua* - Supplementary Teaching.
- **Psychology of Language** (Faculty of Psychology)  
(2016-2017, 2017-2018, 2018-2019)  
*University of Trieste* - Adjunct Professor
- **Tests in Clinical Neuropsychology** (Post degree course in Clinical Neuropsychology)  
(2017, 2018, 2019, 2020, 2021, 2022, 2023)  
*University of Padua* - Teacher

Supervisor and co-supervisor for 5 PhD students. Tutor for more than 15 graduate students.

## SOFTWARE AND CODE

All the code I developed is available at:  
<https://github.com/giorgioarcara>