

PERSONAL INFORMATION Jessica Podda



WORK EXPERIENCE

05/11/2018 - currently enrolled

Researcher

Italian Multiple Sclerosis Foundation (FISM)

<https://www.aism.it/>

Via Operai, 40, 16149, Genoa (Italy)

- *Cognitive neurorehabilitation; Risk factors for mood disorders; Motor control and motion capture; Development of protocols and device for assessment and rehabilitation in Multiple Sclerosis*

09/08/2021- 31/03/2023

University Teaching Assistant

University of Genoa (Italy)

Neuropsychological Rehabilitation (Cod. 106614) (bachelor degree in Physiotherapy)

02/2021 - currently enrolled

Neuropsychologist

AIMS Rehabilitation Service

Via Operai 30, 16149, Genoa (Italy)

01/06/2015 - 31/10/2015

Research Assistant

Istituto Italiano di Tecnologia (Robotics, Brain & Cognitive Sciences department)

Via Morego 30, 16163, Genoa (Italy)

EDUCATION AND TRAINING

01/11/2015 - 31/10/2018

PhD in Bioengineering and Robotics

Course: Cognitive Robotics, Interaction and Rehabilitation Technologies

Istituto Italiano di Tecnologia (Cognition, Motor and Neuroscience Unit)

Via Enrico Melen, 87, 16152, Genoa (Italy)

- *Motor and social cognition in autism; Kinematics and motion capture techniques*

14/02/2017

Licensed Psychologist

Albo degli Psicologi della Liguria, n° 2694

2012 – 2014

Master's Degree in Psychology

University of Turin (Italy)

2009 – 2012

Bachelor's Degree in Psychological Sciences and Techniques

University of Genoa (Italy)

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English
Job-related skills	Effective communication, teamwork, creativity, adaptability, problem solving
Higher Education & Training skills	PhD in Bioengineering and Robotics (IIT), Winter School Human Factors in Wearable and Portable Technologies (Como, January 2020), SMART School on Computational Social and Behavioral Sciences (Paris, September 2016), Internship at Opera San Camillo Hospital (Turin, 2014-2015)
Other skills	Generic software: Office; Experimental and programming software: E-Prime and MATLAB; Statistical software: SPSS; Motion capture techniques: Vicon system; Robotic device for balance assessment and rehabilitation: hunova (Movendo Technology), EquiTest (Neurocom); Cognitive assessment: Mini Mental State Examination (MMSE), Montreal Cognitive Assessment (MoCA), Attentional Matrices, Trail-Making Test (TMT), Corsi Block-Tapping Test, Digit Span Test, Rivermead Behavioural Memory Test, Tower of London Test, Raven's progressive Matrices, Weigl Test, Frontal Assessment Battery (FAB), Movement Assessment Battery for Children-Second Edition (MABC-2), Wechsler Intelligence Scale for Children- Fourth Edition (WISC IV), Autism Diagnostic Observation Schedule (ADOS-2), Brief International Cognitive Assessment for MS (BICAMS); Cognitive rehabilitation software: Rehacom (Hasomed, Germany), Reability (Imaginary, Italy).

PUBLICATIONS

- **Podda, J.**, Messmer Uccelli, M., Tacchino, A., Pedullà, L., Monti Bragadin, M., Battaglia, M.A., Brichetto, G., Ponzio, M. (2022). Predictors of mood disorders in parental Multiple Sclerosis: the role of disability level, coping and perceived social support. *International Journal of MS Care*. <https://doi.org/10.7224/1537-2073.2021-101>
- Montobbio, N., Cavallo, A., Albergo, D., Ansuini, C., Battaglia, F., **Podda, J.**, Nobili, L., Panzeri, S., Becchio, C. (2022). Intersecting Intention Encoding and Readout in Autism. *Proceedings of the National Academy of Sciences*. 119(5), e2114648119. doi: 10.1073/pnas.2114648119
- **Podda, J.**, Tacchino, A., Pedullà, L., Monti Bragadin, M., Battaglia, M.A., Brichetto, G., Ponzio, M. (2022). Mind Wandering in people with Multiple Sclerosis: a psychometric study, *Multiple Sclerosis and Related Disorders*. doi: 10.1016/j.msard.2022.103521
- **Podda, J.**, Ponzio, M., Pedullà, L., Monti Bragadin, M., Battaglia, M.A., Zaratini, P., Brichetto, G., Tacchino, A. (2021). Predominant cognitive phenotypes in multiple sclerosis: Insights from patient-centered outcomes. *Multiple Sclerosis and Related Disorders*, 51:102919. doi: 10.1016/j.msard.2021.102919.
- **Podda, J.**, Pedullà, L., Monti Bragadin, M., Piccardo, E., Battaglia, M.A., Brichetto, G., Bove, M., Tacchino, A. (2020). Spatial constraints and cognitive fatigue affect motor imagery of walking in people with Multiple Sclerosis. *Scientific Reports*, 10, 21938. doi: 10.1038/s41598-020-79095-3
- Pedullà, L., Tacchino, A., **Podda, J.**, Monti Bragadin, M., Bonzano, L., Battaglia, M.

A., Bove, M, Brichetto, G., Ponzio, M. (2020). The patients' perspective on the perceived difficulties of dual-tasking: development and validation of the Dual-task Impact on Daily-living Activities Questionnaire (DIDA-Q). *Multiple Sclerosis and Related Disorders*, 46, 102601. doi: 10.1016/j.msard.2020.102601

- **Podda, J.**, Tacchino, A., Pedullà, L., Monti Bragadin, M., Battaglia, M.A., Brichetto, G., (2020). Focus on neglected features of cognitive rehabilitation in MS: setting and mode of the treatment. *Multiple Sclerosis Journal*, 1–11. doi: 10.1177/1352458520966300
- **Podda, J.**, Ponzio, M., Messmer Uccelli, M., Pedullà, L., Bozzoli, F., Molinari, F., Monti Bragadin, M., Battaglia, M.A., Zaratini, P., Brichetto, G., Tacchino, A. (2020). Predictors of clinically significant anxiety in people with multiple sclerosis: a one-year follow-up study. *Multiple Sclerosis and Related Disorders*. doi: 10.1016/j.msard.2020.102417
- Monti Bragadin, M., Motta, R., Messmer Uccelli, M., Tacchino, A., Ponzio, M., **Podda, J.**, Konrad, G., Rinaldi, S., Cava, M. D., Battaglia, M. A., Brichetto, G. (2020). Lower urinary tract dysfunction in patients with multiple sclerosis: A post-void residual analysis of 501 cases. *Multiple sclerosis and related disorders*, 45, 102378. doi: 10.1016/j.msard.2020.102378
- Prada, V., Tacchino, A., **Podda, J.**, Pedullà, L., Konrad, G., Battaglia, M. A., & Brichetto, G. (2020). Mam36 and Abilhand as outcome measures of multiple sclerosis hand disability: an observational study. *European journal of physical and rehabilitation medicine*.
- Tacchino, A., Ponzio, M., Pedullà, L., **Podda, J.**, Monti Bragadin, M., Pedrazzoli, E., Konrad, G., Battaglia, M.A., Mokkink, L. Brichetto, G. (2020). Italian validation of the Arm Function in Multiple Sclerosis Questionnaire (AMSQ). *Neurological sciences*. doi: 10.1007/s10072-020-04363-z.
- Brichetto, G., Pedullà, L., **Podda, J.**, Tacchino, A. (2019). Beyond center-based testing: Understanding and improving functioning with wearable technology in MS. *Multiple Sclerosis Journal*, 1–10. doi: 10.1177/1352458519857075
- Cavallo, A., Romeo, L., Ansuini, C., **Podda, J.**, Battaglia, F., Veneselli, E., Pontil, M., Becchio, C., (2018). Prospective motor control obeys to idiosyncratic strategies in autism. *Scientific Reports*, 8: 13717. doi: 10.1038/s41598-018-31479-2.
- Ansuini, C., **Podda, J.**, Battaglia, F. M., Veneselli, E., Becchio, C. (2018). One hand, two hands, two people: Prospective sensorimotor control in children with autism. *Developmental Cognitive Neuroscience*, 29, 86-96. doi: 10.1016/j.dcn.2017.02.009.
- **Podda, J.**, Ansuini, C., Vastano, R., Cavallo, A., Becchio, C. (2017). The heaviness of invisible objects: Predictive weight judgments from observed real and pantomimed grasps. *Cognition*, 168, 140-145. doi: 10.1016/j.cognition.2017.06.023.

Italian Journals (With Peer-Reviewed)

Podda, J., Ansuini, C., Battaglia, F., Cavallo, A., Pintaudi, M., Jacono, M., Semino, M., Dufour, E., Veneselli, E., & Becchio, C. (2018). Studio di cinematica sull'effetto di comfort dello stato finale: il caso del Disturbo dello Spettro Autistico. *Sistemi Intelligenti*, 1, 123-138. doi: 10.1422/89320.

Conference proceedings

Podda, J., Ansuini, C., Battaglia, F., Cavallo, A., Pintaudi, M., Jacono, M., Semino, M., Dufour, E., Veneselli, E., Becchio, C. (2016). "Planning ahead: grasp height effect in children with autism spectrum disorder". In *Proceedings of Mind the Gap: Brain, Cognition and Society*, 277

Oral and/or Poster
Presentations in Scientific
Congress

- **Podda, J.**, Tacchino, A., Squeri, V., De Luca A., Marchesi, G., Pedullà, L., Bellosta, A., Vitiello, A., Addeo, Konrad, G., S., Battaglia, M.A., Brichetto, G. (Giugno 2022). Oral Presentation: "Studio di non-inferiorità di un protocollo riabilitativo eseguito con dispositivo robotico rispetto ad un trattamento tradizionale per migliorare l'equilibrio nelle persone con sclerosi multipla" in Congresso Nazionale Società italiana di Riabilitazione Neurologica.
- **Podda, J.**, Ponzio, M., Pedullà, L., Monti Bragadin, M., Battaglia, M.A., Tacchino, A., Brichetto, G. (October 2021). Poster Presentation: "Mind wandering in people with Multiple Sclerosis: a psychometric study" in 37th Congress of ECTRIMS. The Digital Experience
- **Podda, J.**, Maggiora, A., Pedullà, L., Monti Bragadin, M., Battaglia, M.A., Brichetto, G., Casadio, M., Tacchino, A. (December 2020). Poster Presentation: "Do PwMS plan ahead? A Kinematic Study of Upper Limb Motor Planning in MS". In RIMS Conference (digital edition).
- **Podda, J.**, Tacchino, A., Pedullà, L., Monti Bragadin, M., Rogina, G., Vitiello, A., Rinaldi, S., Isolabella, L., Tortorolo, A., Battaglia, M.A., Konrad, G., Brichetto, G. (December 2020). Poster Presentation: "Using a novel robotic platform for balance assessment in pwMS: data from traditional clinical tests and Hunova". In RIMS Conference (digital edition).
- **Podda, J.**, Ponzio, M., Pedullà, L., Monti Bragadin, M., Battaglia, M.A., Zaratini, P., Brichetto, G., Tacchino, A. (November 2020). Poster and Video Presentation: "Predominant cognitive phenotypes in MS: insights from patient-centered outcomes (PCOs)" in 28th Annual Meeting of the European Charcot Foundation (digital edition).
- **Podda, J.** and Tacchino, A. (December 2019). Oral presentation (Invited): "Neuropsychological Rehabilitation - Cognitive training and other techniques" in 2nd RIMS Workshop "Rehabilitation in Progressive MS", Milan, Italy.
- **Podda, J.** and Bergamaschi, V. (November 2019). Oral presentation (Invited): "From "paper and pencil" to computerized devices: tools in Cognitive Rehabilitation" in SIG Occupation in-between meeting, Genoa, Italy.
- **Podda, J.**, Bergamaschi, V., Konrad, G., Tacchino, A., Battaglia, M.A., Brichetto, G., Monti Bragadin, M. (June 2019). Oral Presentation: "Same form diverse outcome: role of PT on SPMS". In RIMS Conference, Ljubljana, Slovenia.
- **Podda, J.**, Bozzo, L., Ponzio, M., Monti Bragadin, M., Konrad, G., Bergamaschi, V., Pedullà, L., Battaglia, M.A., Brichetto G., Tacchino, A. (June 2019). Poster Presentation: "Computerized balance assessment and PRO in MS". In RIMS Conference, Ljubljana, Slovenia.
- **Podda, J.**, Ansuini, C., Memeo, M.C., Becchio, C., (May 2018). Poster Presentation: "The role of movement frequency on motor contagion". In MeeTo Conference, Turin, Italy
- **Podda, J.**, Ansuini, C., Cavallo, A., Jacono, M., Pintaudi, M., Semino, M., Battaglia, F., Veneselli, E., Becchio, C. (October 2017). Poster Presentation: "How far do ASD children plan ahead? A kinematic study on the grasp-height effect". In 18th SIAMOC Congress, Turin, Italy.
- **Podda, J.**, Ansuini, C., Vastano, R., Cavallo, A., Becchio, C., (July 2017). Poster Presentation: "The heaviness of invisible objects: predictive weight judgments from observed real and pantomimed grasps". In 7th JAM, London, UK.

- Ansuini, C., **Podda, J.**, Cavallo, A., Koul, A., Pintaudi, M., Battaglia, F., Veneselli, E., Becchio, C. (May 2017). Poster Presentation: "Reading intention in action: the case of autism spectrum disorder". In IMFAR, San Francisco, USA.
- **Podda, J.** (November 2016). Oral Presentation: "Planning ahead: grasp height effect in children with autism spectrum disorder". In 13th AISC Conference, Turin, Italy.
- Ansuini, C., **Podda, J.**, Cavallo, A., Jacono, M., Pintaudi, M., Semino, M., Battaglia, F., Veneselli, E., Becchio, C. (September 2016). Poster Presentation: "Same object, different uses: prior-intention and action execution in children with high functioning autism". In 11th Autism-Europe International Congress, Edinburgh, UK.
- **Podda J.** (September 2016). Oral Presentation: "The I.Move.U approach to the study of action execution and action observation: the case of autism spectrum disorder". In 2nd SMART School on Computational Social and Behavioral Sciences, Paris, France.

Honor and Awards

- Finalist and 2nd place at 10th edition of "Premio Nazionale Giovedì Scienza". Title presentation: "Design and development of a remote, time-efficient, personalized digital assessment of cognitive impairment in MS: DIGICOG-MS" (Venaria Reale, Turin, Italy).

Teaching and Responsibilities

- June 2022. Scientific responsibility and Speaker for "Disturbi Cognitivi e Sclerosi Multipla: stato dell'arte e strumenti di valutazione" organized by the Italian Multiple Sclerosis Foundation.
- October 2021. Invited Speaker for Festival della Scienza 2021. Roundtable "Mappare i Movimenti in Gioco. Sclerosi Multipla ed Exergame Design a Scuola", Genoa, Italy
- May 2021. Invited Speaker for "Medicina digitale e teleriabilitazione durante ed oltre l'emergenza sanitaria: focus su patologie neurologiche" organized by the Italian Multiple Sclerosis Foundation (digital edition)
- March 2021. Invited Speaker for "Le abilità in gioco" organized by Fondazione Istituto Italiano di Tecnologia (Dr. Carlo Canali) and ITIS Delpozzo (digital edition).
- April 2019. Invited Speaker for "La riabilitazione in équipe della sclerosi multipla: aspetti teorici" organized by the Italian Multiple Sclerosis Foundation, Naples, Italy.
- March 2019. Invited Speaker for "Recenti acquisizioni nella sclerosi multipla: le tecnologie ambulatoriali e domiciliari per il trattamento riabilitativo della sclerosi multipla" organized by the Italian Multiple Sclerosis Foundation, Genoa, Italy.
- February 2019. Invited Speaker for "Misure di outcome per la SM: aggiornamento della letteratura e training di somministrazione" organized by the Italian Multiple Sclerosis Foundation, Genoa, Italy.

Collaborations

- From 05/2022. Chair of Special Interest Group (SIG) of Psychology and Neuropsychology of the Rehabilitation in Multiple Sclerosis European Network (euRIMS)

- From 06/2021. Member of Special Interest Group (SIG) of Psychology and Neuropsychology of the Rehabilitation in Multiple Sclerosis European Network (euRIMS)
- From 03/2021. Coordinator of Psychogeriatrics/Neuropsychology Working group at Ordine degli Psicologi della Liguria
- From 03/2021. Review Editor on the Editorial Board of Performance Science (specialty section of Frontiers in Psychology)

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

21/06/2022

A handwritten signature in black ink, appearing to read 'Jessica Podda', written in a cursive style.