



Andrea Tacchino

● WORK EXPERIENCE

17/12/2023 – CURRENT

NATIONAL SCIENTIFIC QUALIFICATION TO FULL PROFESSOR IN HEALTH PROFESSIONS SCIENCES AND APPLIED MEDICAL TECHNOLOGIES (CODE 06/N1)

12/12/2023 – CURRENT

NATIONAL SCIENTIFIC QUALIFICATION TO ASSOCIATE PROFESSOR IN PSYCHOLOGY, PSYCHOBIOLOGY AND PSYCHOMETRY (CODE 11/E1)

15/10/2018 – CURRENT

NATIONAL SCIENTIFIC QUALIFICATION TO ASSOCIATE PROFESSOR IN HEALTH PROFESSIONS SCIENCES AND APPLIED (CODE 06/N1)

04/05/2011 – CURRENT Genoa, Italy

RESEARCHER ITALIAN MULTIPLE SCLEROSIS FOUNDATION

Member of the Scientific Rehabilitation Area of the Italian Multiple Sclerosis Foundation.

My interests are focused on:

- the impact of motor and cognitive rehabilitation on behavioural and neural correlates.
- the impact of physical activity on behavioural and neural correlates.
- models applied to bigdata of Patient Centered Outcomes to predict disease evolution.
- social cognition.
- unmet needs and quality of life in people with multiple sclerosis and caregivers.
- validation of clinical scales for the evaluation of people with multiple sclerosis.
- use of devices for the rehabilitation of neurological diseases.

Business or Sector Professional, scientific and technical activities |

Address Via Operai 40, Genoa (Italy), 16149, Genoa, Italy | **Website** www.aism.it

03/05/2009 – 03/05/2011 Genoa

POST DOC EXPERIMENTAL MEDICINE DEPARTMENT, UNIVERSITY OF GENOA

Motor control in healthy and neurological populations

Business or Sector Professional, scientific and technical activities |

Address Via Leon Battista Alberti, 2, 16132, Genoa | **Website** www.dimes.unige.it

01/01/2006 – 27/03/2009 Genoa, Italy

PHD STUDENT EXPERIMENTAL MEDICINE DEPARTMENT, UNIVERSITY OF GENOA

Motor control in healthy and neurological populations

Business or Sector Professional, scientific and technical activities | **Address** Via L. B. Alberti 2, 16132, Genoa, Italy |

Website www.dimes.unige.it

15/05/2007 – 30/06/2007 United States

RESEARCH FELLOW DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY OF CUNY (NEW YORK)

At the Laboratory of Prof. Maria Felice Ghilardi.

Aim: Motor learning during fine finger movements.

01/05/2005 – 31/12/2005 Genoa, Italy

RESEARCH ASSISTANT EXPERIMENTAL MEDICINE DEPARTMENT, UNIVERSITY OF GENOA

Transcallosal inhibition in patients with multiple sclerosis

Business or Sector Professional, scientific and technical activities | **Address** Via L. B. Alberti 2, 16132, Genoa, Italy |

Website www.dimes.unige.it

01/05/2005 – 03/05/2011 Genoa, Italy

TECHNICAL MANAGER, TUTOR AND TEACHER UNIVERSITY OF GENOA

Technical manager, Tutor and Teacher for the Master of ICT applied to Medicine

Business or Sector Professional, scientific and technical activities | **Address** Via L. B. Alberti 2, 16132, Genoa, Italy |

Website www.matam.it

09/2005 – CURRENT

UNIVERSITY TEACHER

2013 - 2024: Rehabilitation engineering and prosthetic devices for the *Master degree for Biomedical Engineering - University of Genoa*

2021 - 2024: Devices and Technologies for Rehabilitation for the *Bachelor's degree for Biomedical Engineering - University of Cagliari*

2006 - 2009 (and 2013 - 2024): Information and Communication Technology for the *Bachelor's degree for Sport Science - University of Genoa*

2005 - 2009 (and 2017 - 2024): Computer Assisted Design for the *Bachelor's degree for Orthopedic technicians - University of Genoa*

2013 - 2023: Information and Communication Technology for the *Master degree for Sport Science - University of Genoa*

2022: Neurorehabilitative treatments for neurological pathologies. Focus on Multiple Sclerosis for *Scuola IANUA - University of Genoa*

2019 - 2021: Multiple Sclerosis: Clinical, cognitive and motor aspects of the disease for the *Master in Clinical Neuroscience - Catholic University of Sacro Cuore*

2012 - 2017: Electronic and electric measurements for the *Bachelor's degree for Orthopedic technicians - University of Genoa*

2005 - 2013: Human Physiology for the *Bachelor's degree for Biomedical Engineering - University of Genoa*

2011: Human Physiology for the *Bachelor's degree for Physical Therapy - University of Genoa*

2011: Information and Communication Technology for the *Master in Management of Health Systems - University of Genoa*

2007 - 2010: Bioengineering, Electronics and Information and Communication Technology for the *Master degree for Sport Science - University of Genoa*

2007 - 2009: Information and Communication Technology for the *Fitness Trainers Course - University of Genoa*

2009 – CURRENT

OTHER TEACHING AND RESPONSIBILITIES

2024: Invited Speaker for the webinar “**Frontiere innovative nella Sclerosi Multipla**” organized by the Italian Multiple Sclerosis Society (AISM), online, Italy

2023: Scientific responsibility and Speaker for “**Teleriabilitazione nella Sclerosi Multipla: dalla valutazione al trattamento**” organized by AISM, Genoa, Italy

2023: Invited Speaker for “**ECTRIMS Summer School 2023: From biological basis to ecological implications of rehabilitation in MS**” organized by the ECTRIMS, Gdansk, Poland

2022: Scientific responsibility and Speaker for “**Stabilometria nella Sclerosi Multipla dalla valutazione alla misura di outcome**” organized by AISM, Genoa, Italy

2021: Scientific Committee and Speaker for “**Medicina digitale e teleriabilitazione durante ed oltre l'emergenza sanitaria focus su patologie neurologiche**” organized by AISM, online, Italy

2020: Invited Speaker for “**Recenti acquisizioni nella sclerosi multipla**” organized by AISM, Genoa, Italy

2019: Scientific responsibility and Speaker for “**Education in specific biomedical devices classes**” for the “**Management of biomedical technologies**” organized by the LIUC Business School, Aosta, Italy

2019: Scientific responsibility and Speaker for “**Misure di outcome per la SM: aggiornamento della letteratura e training di somministrazione**” organized by AISM, Genoa, Italy

2019: Scientific responsibility and Speaker for “Recenti acquisizioni nella sclerosi multipla: le tecnologie ambulatoriali e domiciliari per il trattamento riabilitativo della sclerosi multipla” organized by AISM, Genoa, Italy

2018: Invited Speaker for “La riabilitazione cognitiva ed in dual-task nella SM” organized by AISM, Genoa, Italy

2018: Invited Speaker for “Recenti acquisizioni nella sclerosi multipla” organized by AISM, Padua, Italy

2018: Invited Speaker for “Recenti acquisizioni nella sclerosi multipla” organized by AISM, Genoa, Italy

2017: Scientific responsibility and Speaker for “Ricerca nella SM: le tecnologie al servizio della riabilitazione” organized by AISM, Genoa, Italy

2012: Invited Speaker for “Una ricerca di qualità: analisi degli aspetti metodologici della ricerca psicologica nella Sclerosi Multipla” organized by AISM, Genoa, Italy

2009: Teacher for “Information and Communication Technology” for the Ordine dei medici, Genoa, Italy

2012 – CURRENT

REVIEWER

Reviewer for manuscripts for the following international journals:

Journal of Neural Transmission, Clinical Rehabilitation, Disability and Rehabilitation, PlosONE, British Journal of Occupational Therapy, Multiple Sclerosis and Related Disorders, Multiple Sclerosis International, Multiple Sclerosis Journal: Experimental, Translational and Clinical, Journal of NeuroEngineering and Rehabilitation, Archives in Physiotherapy, Scientific Report, Applied Neuropsychology, Computational Intelligence and Neuroscience, Brain Science, Frontiers in Psychology, Frontiers in Neurology, Frontiers in Human Neuroscience, JMIR Serious Games, Neurology, NeuroImage, Experimental Brain Research, Journal of Neurologic Physical Therapy

2021 – CURRENT

EDITOR

Associate editor:

■ Frontiers in Human Neuroscience

2018 – CURRENT

SCIENTIFIC COMMITTEES

Member of the Scientific Committee of “Rete Psicologi”, an initiative organized by the Italian Multiple Sclerosis Society (AISM) to share scientific knowledge among psychologists expert of Multiple Sclerosis.

Member of the Organizing Committee of “RIMS Conference: Translating Knowledge into Practice: Embracing the Complexity of MS Rehabilitation” - RIMS - Genoa

2017

WORKGROUPS

Member of the workgroup for the “**MANIFESTO PER UNA SANITA' “INTELLIGENTE”**”, an initiative organized by **i-com** organization on the role of Artificial Intelligence in Public Health.

● EDUCATION AND TRAINING

2019 Turin, Italy

MASTER DEGREE IN PSYCHOLOGY (BODY AND MIND SCIENCES) (FINAL MARK 110/110)

University of Turin

Field of study Psychology | **Final grade** 110/110 |

Thesis Social cognition decline in people with Multiple Sclerosis. Evidences from movement intention recognition.

2015 Turin, Italy

BACHELOR DEGREE IN PSYCHOLOGICAL SCIENCES (FULL MARKS WITH HONORS) University of

Turin

Field of study Psychology | **Final grade** 110/110 Cum laude |

Thesis Cognitive disorders in Multiple Sclerosis. From diagnosis to treatment.

01/01/2006 – 27/03/2009 Genoa, Italy

PHD IN BIOENGINEERING University of Genoa

Field of study Engineering | **Level in EQF** EQF level 8 |

Thesis The future is in our hands: a neuroengineering approach to study the neurophysiology of finger movements.

2004 Genoa, Italy

MASTER DEGREE IN BIOENGINEERING (FINAL MARK 110/110) University of Genoa

Field of study Engineering | **Final grade** 110/110 |

Thesis Design and Development of a tool for the quantitative evaluation of the fine finger movements.

2002 Genoa, Italy

BACHELOR DEGREE IN BIOMEDICAL ENGINEERING (FINAL MARK 104/110) University of Genoa

Field of study Engineering | **Final grade** 104/110 |

Thesis Software development for the impedance featuring of matrices of electrical micro-transducers.

1994 – 1999 Genoa, Italy

HIGH SCHOOL DIPLOMA (CLASSICAL STUDIES) Liceo classico statale Giuseppe Mazzini

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C1	C2
FRENCH	C1	C2	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Instagram | Microsoft Office | Microsoft Excel | Microsoft Powerpoint | Google Docs | Social Media | Skype | Google Drive | Outlook | LinkedIn | Visual Studio - Visual C# | Experience in MATLAB, python, and R

● DRIVING LICENCE

Driving Licence: B

● HONOURS AND AWARDS

Honours and awards

Awards as First author:

2014: Award for best platform presentation "Social cognition decline in Multiple Sclerosis. Evidences from intention recognition" at **The CONSORTIUM of Multiple Sclerosis Centers 2014** – Dallas, Texas, **US**

2012: Young Research Award for Best contribute Basic Knowledge and Methodologies "III National Bioengineering Congress" – Rome, Italy

2009: National Award for PhD Thesis - "National Bioengineering Group"

Awards as Participant:

2023: Award for Best contribute to Clinical Research "Exergames a domicilio per migliorare la funzione cognitive nella Sclerosi Multipla: uno studio multicentrico, randomizzato, controllato con sham, ion singolo cieco, a bracci paralleli (EXTREMUS)." **International Scientific Congress AIFI** – Bologna, Italy

2017: Award for Second best oral presentation "Responsiveness of upper limb outcome measures in people with multiple sclerosis: an European RIMS multi-center study." **RIMS congress 2017** – Barcelona, Spain

2013: Award for poster presentation "Motor rehabilitation impacts the white matter microstructure of corpus callosum in patients with multiple sclerosis" at **RIMS congress 2013** – Copenhagen, Denmark

2009: Award for poster presentation "Unimanual and bimanual fingers movements analysis in patients affected by Tourette Syndrome" at XXXVI Congresso Nazionale LIMPE– Genoa, Italy

● **ORGANISATIONAL SKILLS**

Organisational skills

Good organizational and leadership skills.

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

I establish good relations both at work and in the free time. I am used to teamwork and to opinion sharing.

● **PATENTS**

Patents

2013: Structured Cognitive Functions Training Kit (Scientific-Clinical App for Android mobile devices) – N° 008950, Ordinativo D008111, 20/08/2013

● **CITATIONS**

Citations

H-Index: Scopus, 22

● **SCIENTIFIC PROFILE**

Publications, Poster presentations, Oral presentations, Chairman position, Projects

Number of publications: 101

Si autorizza il trattamento dei propri dati personali ai sensi del D. Lgs. n. 196 del 30/06/2003. Il presente CV ha funzione di autocertificazione ai sensi dell'art. 13 GDPR 679/16.

24/05/2024

In fede
Andrea Tacchino

FIRMATO

Detailed scientific profile

LIST OF PUBLICATIONS ON INTERNATIONAL JOURNALS WITH PEER-REVIEW

2024	<ol style="list-style-type: none"> 1. Rocca MA, Valsasina P, Romanò F, Tedone N, Amato MP, Bricchetto G, Boccia VD, Chataway J, Chiaravalloti ND, Cutter G, Dalgas U, DeLuca J, Farrell RA, Feys P, Freeman J, Inglese M, Meza C, Motl RW, Salter A, Sandroff BM, Feinstein A, Filippi M; Cogex Research Team. Cognitive rehabilitation effects on grey matter volume and Go-NoGo activity in progressive multiple sclerosis: results from the CogEx trial. J Neurol Neurosurg Psychiatry. 2024 May 16;jnnp-2024-333460. 2. Albanese GA, Bucchieri A, Podda J, Tacchino A, Buccelli S, De Momi E, Laffranchi M, Mannella K, Holmes MWR, Zenzeri J, De Michieli L, Bricchetto G, Barresi G. Robotic systems for upper-limb rehabilitation in multiple sclerosis: a SWOT analysis and the synergies with virtual and augmented environments. Front Robot AI. 2024 Feb 27;11:1335147. 3. Podda J, Pedullà L, Bricchetto G, Tacchino A. Evaluating Cognitive-Motor Interference in Multiple Sclerosis: A Technology-Based Approach. Bioengineering (Basel). 2024 Mar 14;11(3):277. 4. Ponzio M, Tacchino A, Verri A, Battaglia MA, Bricchetto G, Podda J. Profile and burden of the family caregiver: the caring experience in multiple sclerosis. An observational study. BMC Psychol. 2024 Mar 26;12(1):173. 5. Kirk C, Küderle A, Micó-Amigo ME, Bonci T, Paraschiv-Ionescu A, Ullrich M, Soltani A, Gazit E, Salis F, Alcock L, Aminian K, Becker C, Bertuletti S, Brown P, Buckley E, Cantu A, Carsin AE, Caruso M, Caulfield B, Cereatti A, Chiari L, D'Ascanio I, Garcia-Aymerich J, Hansen C, Hausdorff JM, Hiden H, Hume E, Keogh A, Kluge F, Koch S, Maetzler W, Megaritis D, Mueller A, Niessen M, Palmerini L, Schwickert L, Scott K, Sharrack B, Sillén H, Singleton D, Vereijken B, Vogiatzis I, Yarnall AJ, Rochester L, Mazzà C, Eskofier BM, Del Din S; Mobilise-D consortium. Mobilise-D insights to estimate real-world walking speed in multiple conditions with a wearable device. Sci Rep. 2024 Jan 19;14(1):1754. 6. Tacchino A, Skjerbæk AG, Podda J, Prada V, Monti Bragadin M, Bergamaschi V, Susini A, Hvid LG, Pedullà L, Bricchetto G. The role of sensory systems in the association between balance and walking in people with multiple sclerosis. Mult Scler Relat Disord. 2024 Mar;83:105440. 7. Solaro C, Di Giovanni R, Grange E, Bricchetto G, Mueller M, Tacchino A, Bertoni R, Patti F, Pappalardo A, Prosperini L, Rosato R, Cattaneo D, Marengo D. Influence of cognition on the correlation between objective and subjective upper limb measures in people with multiple sclerosis. Neurol Sci. 2024 Jun;45(6):2783-2789. 8. Podda J, Marchesi G., Bellosta A., Squeri V., De Luca A., Pedullà L., Tacchino A., Bricchetto G. Testing Dynamic Balance in People with Multiple Sclerosis: A Correlational Study between Standard Posturography and Robotic-Assistive Device. Sensors. 24, 3325.
2023	<ol style="list-style-type: none"> 1. Tacchino A, Podda J, Bergamaschi V, Pedullà L, Bricchetto G. “Cognitive rehabilitation in multiple sclerosis: Three digital ingredients to address current and future priorities.” Front Hum Neurosci. 2023 Feb 23;17:1130231. 2. Pedullà L, Santoyo-Medina C, Novotna K, Moudjian L, Smedal T, Arntzen EC, van der Linden ML, Learmonth Y, Kalron A, Güngör F, Nedeljkovic U, Kos D, Jonsdottir J, Coote S, Tacchino A. “Physical Activity in Multiple Sclerosis: Meeting the Guidelines at the Time of the COVID-19 Pandemic.” J Neurol Phys Ther. 2023 Apr 1;47(2):112-121. 3. Jonsdottir J, Santoyo-Medina C, Kahraman T, Kalron A, Rasova K, Moudjian L, Coote S, Tacchino A, Grange E, Smedal T, Arntzen EC, Learmonth Y, Pedulla L, Quinn G, Kos D. “Changes in physiotherapy services and use of technology for people with multiple sclerosis during the COVID-19 pandemic.” Mult Scler Relat Disord. 2023 Mar;71:104520. 4. Carpinella I, Anastasi D, Gervasoni E, Di Giovanni R, Tacchino A, Bricchetto G, Confalonieri P, Rovaris M, Solaro C, Ferrarin M, Cattaneo D. “Balance Impairments in People with Early-Stage Multiple Sclerosis: Boosting the Integration of Instrumented Assessment in Clinical Practice.” Sensors (Basel). 2022 Dec 6;22(23):9558. 5. Ponzio M, Monti MC, Mallucci G, Borrelli P, Fusco S, Tacchino A, Bricchetto G, Tronconi L, Montomoli C, Bergamaschi R. “The economic impact of comorbidity in multiple sclerosis.” Neurol Sci. 2023 Mar;44(3):999-1008. 6. Solaro C, Di Giovanni R, Grange E, Bricchetto G, Mueller M, Tacchino A, Bertoni R, Patti F, Pappalardo A, Prosperini L, Castelli L, Rosato R, Cattaneo D, Marengo D. “Correlation between patient-reported manual ability and three objective measures of upper limb function in people with multiple sclerosis.” Eur J Neurol. 2023 Jan;30(1):172-178. 7. Podda J, Tacchino A, Verri A, Battaglia MA, Bricchetto G, Ponzio M. Development and psychometric properties of a self-assessed knowledge questionnaire for caregivers of people with multiple sclerosis (CareKoMS): a cross-sectional study. BMJ Open. 2023 Jun 30;13(6):e071657. 8. Podda J, Marchesi G, Squeri V, De Luca A, Bellosta A, Pedullà L, Konrad G, Battaglia MA, Bricchetto G, Tacchino A. Standard versus innovative robotic balance assessment for people with multiple sclerosis: a correlational study. Eur J Med Res. 2023 Jul 26;28(1):254. 9. Feinstein A, Amato MP, Bricchetto G, Chataway J, Chiaravalloti ND, Cutter G, Dalgas U, DeLuca J, Farrell R, Feys P, Filippi M, Freeman J, Inglese M, Meza C, Motl RW, Rocca MA, Sandroff BM, Salter A; CogEx Research Team. Cognitive rehabilitation and aerobic exercise for cognitive impairment in people with progressive multiple sclerosis (CogEx): a randomised, blinded, sham-controlled trial. Lancet Neurol. 2023 Oct;22(10):912-924. 10. Tacchino A, Pedullà L, Podda J, Monti Bragadin M, Battaglia MA, Bisio A, Bove M, Bricchetto G. Motor imagery has a priming effect on motor execution in people with multiple sclerosis. Front Hum Neurosci. 2023 Sep 7;17:1179789. 11. Tacchino A, Di Giovanni R, Grange E, Spirito MM, Ponzio M, Battaglia MA, Bricchetto G, Solaro CM. The administration of the paper and electronic versions of the Manual Ability Measure-36 (MAM-36) and Fatigue Severity Scale (FSS) is equivalent in people with multiple sclerosis. Neurol Sci. 2024 Mar;45(3):1155-1162. 12. Lotti N, Missiroli F, Galofaro E, Tricomi E, Di Domenico D, Semprini M, Casadio M, Bricchetto G, De Michieli L, Tacchino A, Masia L. Soft Robotics to Enhance Upper Limb Endurance in Individuals with Multiple Sclerosis. Soft Robot. 2024 Apr;11(2):338-346.

	<p>13. Tacchino A, Ponzio M, Confalonieri P, Leocani L, Inglese M, Centonze D, Cocco E, Gallo P, Paolicelli D, Rovaris M, Sabattini L, Tedeschi G, Prosperini L, Patti F, Bramanti P, Pedrazzoli E, Battaglia MA, Brichetto G. An Internet- and Kinect-Based Multiple Sclerosis Fitness Intervention Training With Pilates Exercises: Development and Usability Study. JMIR Serious Games. 2023 Nov 8;11:e41371.</p> <p>14. van der Linden ML, Kos D, Moumdjian L, Kalron A, Coote S, Smedal T, Arntzen EC, Tayfur SN, Pedullà L, Tacchino A, Jonsdottir J, Santoyo-Medina C, Novotna K, Yazgan YZ, Nedeljkovic U, Learmonth YC. Changes in physical activity participation during the COVID-19 pandemic in people with multiple sclerosis: An international survey study. Ann Phys Rehabil Med. 2023 Oct;66(7):101798.</p> <p>15. Gervasoni E, Anastasi D, Di Giovanni R, Solaro C, Rovaris M, Brichetto G, Confalonieri P, Tacchino A, Carpinella I, Cattaneo D. Uncovering Subtle Gait Deterioration in People with Early-Stage Multiple Sclerosis Using Inertial Sensors: A 2-Year Multicenter Longitudinal Study. Sensors (Basel). 2023 Nov 17;23(22):9249.</p>
2022	<p>1. Ponzio M, Tacchino A, Amicizia D, Piazza MF, Paganino C, Trucchi C, Astengo M, Simonetti S, Gallo D, Sansone A, Brichetto G, Battaglia MA, Ansaldi F. "Prevalence of multiple sclerosis in Liguria region, Italy: an estimate using the capture-recapture method". Neurol Sci. 2022 May;43(5):3239-3245.</p> <p>2. Carpinella I, Gervasoni E, Anastasi D, Di Giovanni R, Tacchino A, Brichetto G, Confalonieri P, Solaro C, Rovaris M, Ferrarin M, Cattaneo D. "Walking With Horizontal Head Turns Is Impaired in Persons With Early-Stage Multiple Sclerosis Showing Normal Locomotion." Front Neurol. 2022 Jan 28;12:821640.</p> <p>3. Podda J, Tacchino A, Pedullà L, Monti Bragadin M, Battaglia MA, Brichetto G, Ponzio M. "Mind wandering in people with Multiple Sclerosis: A psychometric study." Mult Scler Relat Disord. 2022 Jan 11;58:103521.</p> <p>4. Kahraman T, Rasova K, Jonsdottir J, Medina CS, Kos D, Coote S, Tacchino A, Smedal T, Arntzen EC, Quinn G, Learmonth Y, Pedulla L, Moumdjian L, Kalron A. "The impact of the COVID-19 pandemic on physical therapy practice for people with multiple sclerosis: A multicenter survey study of the RIMS network." Mult Scler Relat Disord. 2022 Apr 10;62:103799.</p> <p>5. Gervasoni E, Anastasi D, Di Giovanni R, Solaro C, Rovaris M, Brichetto G, Carpinella I, Confalonieri P, Tacchino A, Rabuffetti M, Cattaneo D. "Physical activity in non-disabled people with early multiple sclerosis: A multicenter cross-sectional study." Mult Scler Relat Disord. 2022 Aug;64:103941.</p> <p>6. Moumdjian L, Smedal T, Arntzen EC, van der Linden ML, Learmonth Y, Pedullà L, Tacchino A, Novotna K, Kalron A, Yazgan YZ, Nedeljkovic U, Kos D, Jonsdottir J, Santoyo-Medina C, Coote S. "Impact of the COVID-19 Pandemic on Physical Activity and Associated Technology Use in Persons With Multiple Sclerosis: An International RIMS-SIG Mobility Survey Study." Arch Phys Med Rehabil. 2022 Oct;103(10):2009-2015.</p> <p>7. Podda J, Uccelli MM, Tacchino A, Pedullà L, Bragadin MM, Battaglia MA, Brichetto G, Ponzio M. "Predictors of Mood Disorders in Parents With Multiple Sclerosis: The Role of Disability Level, Coping Techniques, and Perceived Social Support." Int J MS Care. 2022 Sep-Oct;24(5):224-229.</p> <p>8. Brichetto G, Tacchino A, Leocani L, Kos D. "Impact of Covid-19 emergency on rehabilitation services for Multiple Sclerosis: An international RIMS survey." Mult Scler Relat Disord. 2022 Sep 15;67:104179.</p>
2021	<p>1. Di Giovanni R, Solaro C, Grange E, Masuccio FG, Brichetto G, Mueller M, Tacchino A. "A comparison of upper limb function in subjects with multiple sclerosis and healthy controls using an inertial measurement unit." Mult Scler Relat Disord. 2021 May 23;53:103036.</p> <p>2. Carpinella I, Gervasoni E, Anastasi D, Di Giovanni R, Tacchino A, Brichetto G, Confalonieri P, Rovaris M, Solaro C, Ferrarin M, Cattaneo D. "Instrumentally assessed gait quality is more relevant than gait endurance and velocity to explain patient-reported walking ability in early-stage multiple sclerosis." Eur J Neurol. 2021 Jul;28(7):2259-2268.</p> <p>3. Podda J, Ponzio M, Pedullà L, Monti Bragadin M, Battaglia MA, Zaratini P, Brichetto G, Tacchino A. "Predominant cognitive phenotypes in multiple sclerosis: Insights from patient-centered outcomes." Mult Scler Relat Disord. 2021 Jun;51:102919.</p> <p>4. Veldkamp R, Baert I, Kalron A, Romberg A, Tacchino A, Giffroy X, Coninx K, Feys P. "Associations between clinical characteristics and dual task performance in Multiple Sclerosis depend on the cognitive and motor dual tasks used." Mult Scler Relat Disord. 2021 Aug 29;56:103230.</p> <p>5. Grange E, Marengo D, Di Giovanni R, Mueller M, Brichetto G, Tacchino A, Bertoni R, Patti F, Pappalardo A, Prosperini L, Castellani L, Rosato R, Cattaneo D, Solaro C. "Italian translation and psychometric validation of the ABILHAND-26 and its correlation with upper limb objective and subjective measures in multiple sclerosis subjects." Mult Scler Relat Disord. 2021 Jul 21;55:103160.</p>
2020	<p>1. Veldkamp R, Kalron A, Baert I, Hämäläinen P, Tacchino A, D'hooge M, Giffroy X, Van Geel F, Raats J, Van Wijmeersch B, Feys P. "Differential effects and discriminative validity of motor and cognitive tasks varying in complexity on cognitive-motor interference in persons with mild to moderate disability due to Multiple Sclerosis." Mult Scler. 2021 Feb 10;1352458520986960.</p> <p>2. Prada V, Tacchino A, Podda J, Pedullà L, Konrad G, Battaglia MA, Brichetto G, Monti Bragadin M. "Mam36 and Abilhand as outcome measures of multiple sclerosis hand disability: an observational study." Eur J Phys Rehabil Med. 2020 Dec 11.</p> <p>3. Podda J, Pedullà L, Monti Bragadin M, Piccardo E, Battaglia MA, Brichetto G, Bove M, Tacchino A. "Spatial constraints and cognitive fatigue affect motor imagery of walking in people with Multiple Sclerosis." Sci Rep. 2020 Dec 14;10(1):21938.</p> <p>4. Cattaneo D, Gervasoni E, Anastasi D, Di Giovanni R, Brichetto G, Carpinella I, Cavalla P, Confalonieri P, Groppo E, Prosperini L, Tacchino A, Rovaris M, Solaro C. "Prevalence and patterns of subclinical motor and cognitive impairments in nondisabled subjects with early Multiple Sclerosis: a multicenter cross-sectional study." Ann Phys Rehabil Med. 2021 Jan 14:101491.</p> <p>5. Podda J, Tacchino A, Pedullà L, Monti Bragadin M, Battaglia MA, Brichetto G. "Focus on neglected features of cognitive rehabilitation in MS: Setting and mode of the treatment." Mult Scler. 2020 Oct 13:1352458520966300.</p> <p>6. Pedullà L, Tacchino A, Podda J, Monti Bragadin M, Bonzano L, Battaglia MA, Bove M, Brichetto G, Ponzio M. "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)." Mult Scler Relat Disord. 2020 Nov;46:102601.</p> <p>7. Kalron A, Ehling R, Baert I, Smedal T, Rasova K, Heric-Mansrud A, Elorriaga I, Nedeljkovic U, Tacchino A, Gargul L, Gusowski K, Cattaneo D, Borgers S, Hebert J, Dalgas U, Feys P. "Improving our understanding of the most</p>

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2018	1. S. Fiorini, A. Barla, A. Verri, A. Tacchino , G. Bricchetto, “Intelligenza artificiale al servizio della medicina” DA53. 2018, Dic; 28-31
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2023	1. A. Tacchino , G. Bricchetto, “Le tecnologie Smart-home al servizio delle persone con disabilità. Studio pilota nella Sclerosi Multipla.” SIRN 2023 – Riva del Garda (TN)
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2018	1. A. Tacchino , S. Fiorini, A. Barla, A. Verri, M. Ponzio, M.A. Battaglia, G. Bricchetto, “Temporal prediction of Multiple Sclerosis progression: the role of patient-centered outcomes” , Sesto Congresso Nazionale di Bioingegneria 2018 – Milano 2. A. Tacchino , L. Pedullà, P. Canepa, L. Bonzano, C. Monteleoni, M.A. Battaglia, G. Bricchetto, M. Bove, “Wind of Change: an Italian initiative to promote water sports in people with multiple sclerosis” . ECTRIMS 2018 – Berlin 3. A. Tacchino , L. Pedullà, P. Canepa, L. Bonzano, C. Monteleoni, M.A. Battaglia, G. Bricchetto, M. Bove, “Wind of Change: an Italian initiative to promote water sports in people with multiple sclerosis” . SIN 2018 – Rome

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2017	1. A. Tacchino , M. Babazadeh, GL Mancardi, G Bricchetto, "The effect of a short-period treatment of yoga in people with Multiple Sclerosis". SIRN 2017 – Pisa 2. A. Tacchino , M. Babazadeh, GL Mancardi, G Bricchetto, "The effect of yoga in people with Multiple Sclerosis". RIMS 2017 – Barcelona, Spain
2016	1. A. Tacchino , L. Pellegrino, G. Stranieri, E. Tiragallo, G. Bricchetto, M. Coscia, M. Casadio, "Analysis of upper limb synergies in Multiple Sclerosis subjects during common daily actions". The CONSORTIUM of Multiple Sclerosis Centers 2016 – Washington, Washington DC 2. A. Tacchino , L. Pedullà, G. Bricchetto "Cognitive rehabilitation in multiple sclerosis: an app for attention and memory at-home interventions", Quinto Congresso Nazionale di Bioingegneria 2016 – Napoli 3. A. Tacchino , F. Florio, M. Venturini, V. Sanguineti, G. Bricchetto. "An Android application to assess attention deficits in persons with multiple sclerosis". ECTRIMS 2016 – London 4. A. Tacchino , I. De Vita, G. Bricchetto, M. Bulgheroni, E. d'Amico. "Assessment of an m-health intervention to deliver self-management strategies in patients with multiple sclerosis". Lancet Conference - London
2015	1. A. Tacchino , L. Pellegrino, G. Stranieri, E. Tiragallo, G. Bricchetto, M. Coscia, M. Casadio, "Analysis of upper limb movement in Multiple Sclerosis subjects during common daily actions" SIN 2015 - Genova 2. A. Tacchino , L. Pellegrino, G. Stranieri, E. Tiragallo, G. Bricchetto, M. Coscia, M. Casadio, "Analysis of upper limb movement in Multiple Sclerosis subjects during common daily actions" ECTRIMS 2015 - Barcelona 3. A. Tacchino , E. d'Amico, M. Ponzio, S. Facchinetti, G. Bricchetto, M. Bulgaroni, "Predisposition and motivation assessment in using technologies in Multiple Sclerosis. A questionnaire on a wearable tool for unobtrusive motor and cognitive monitoring". The CONSORTIUM of Multiple Sclerosis Centers 2015 – Indianapolis, Indiana 4. A. Tacchino , G. Stranieri, E. Tiragallo, G. Bricchetto, M. Casadio, M. Coscia, V. Sanguineti, L. Pellegrino, "Analisi dell'attività muscolare durante compiti di vita quotidiana in pazienti con Sclerosi Multipla: studio pilota". SIRN 2015 – Novara. 5. A. Tacchino , M.A. Battaglia, M. Bove, L. Pedullà, G. Bricchetto, "Mentally simulated motor actions in neurorehabilitation. A pilot study in Multiple Sclerosis" 20 th Annual RIMS Conference 2015 – Milan 6. A. Tacchino , E. d'Amico, M. Ponzio, S. Facchinetti, G. Bricchetto, M. Bulgheroni, "Predisposition and motivation assessment in using technologies in multiple sclerosis. A questionnaire on a wearable tool for unobtrusive motor and cognitive monitoring" 20 th Annual RIMS Conference 2015 – Milan
2014	1. A. Tacchino , E. d'Amico, M. Ponzio, C. Spelta, S. Addeo, E. Piccardo, L. Pedullà, S. Facchinetti, G. Bricchetto, M. Bulgheroni, "Valutazione di predisposizione e motivazione all'uso di tecnologie in persone con Sclerosi Multipla. Studio di un sistema per il monitoraggio motorio e cognitivo non intrusivo" SIRN 2014 - Genova 2. A. Tacchino , G. Bricchetto, A. Cavallo, C. Ansuini, L. Sartori, U. Castiello, L. Pedullà; M.A. Battaglia, C. Becchio, "Social cognition decline in Multiple Sclerosis. Evidences from intention recognition" IMSCOGS (International Multiple Sclerosis Cognition Society) 2014 – Barcellona 3. A. Tacchino , "New perspectives in Multiple Sclerosis rehabilitation", Letture Horizon 2020 Quarto Congresso Nazionale di Bioingegneria 2014 - Pavia
2013	1. A. Tacchino , M.A. Battaglia, L. Pedullà, M. Bove, G. Bricchetto, "Is locomotion motor imagery preserved in multiple sclerosis? A pilot study." The CONSORTIUM of Multiple Sclerosis Centers 2013 – Orlando, Florida 2. A. Tacchino , M.A. Battaglia, L. Pedullà, M. Bove, G. Bricchetto, "Is locomotion motor imagery preserved in multiple sclerosis? A pilot study." ECTRIMS 2013 - Copenhagen
2012	1. A. Tacchino , M.A. Battaglia, G. Bricchetto, "Virtual Reality in Multiple Sclerosis neurorehabilitative treatment: a pilot study" IMSCOGS (International Multiple Sclerosis Cognition Society) 2012 – Bordeaux 2. A. Tacchino , G. Bricchetto, M. Bove, L. Pedullà, M.A. Battaglia, "Mentally simulated motor actions in neurorehabilitation: a new protocol for patients with Multiple Sclerosis" The CONSORTIUM of Multiple Sclerosis Centers 2012 – San Diego, California 3. A. Tacchino , M.A. Battaglia, G. Bricchetto, "Is virtual reality a useful tool in Multiple Sclerosis neurorehabilitation? A pilot study" ECTRIMS 2012 - Lyon
2011	1. A. Tacchino , M.A. Battaglia, L. Pedullà, M. Bove, G. Bricchetto, "Can mentally simulated motor actions be used in neurorehabilitative protocols in patients with Multiple Sclerosis" ECTRIMS 2011 - Amsterdam
2010	1. A. Tacchino , E. Pelosin, L. Avanzino, M. Bassolino, M. Bove "Different time of visual presentation of rhythmical actions differently influences the execution rate of self-paced movements" Secondo Congresso Nazionale di Bioingegneria 2010 - Turin
2008	1. A. Tacchino , E. Pelosin, M. Ghilardi, C. Moisello, M. Schieppati, G. Abruzzese, M. Bove "Visual Presentation of Rhythmical Actions Influences the Execution Rate of Self-Paced Movements" Primo Congresso Nazionale di Bioingegneria 2008 - Pisa 2. A. Tacchino , L. Avanzino, A. Giannini, M. Bove "Motor imagery influences the movement rate of repetitive finger opposition movements". Neuroscience 2008 - Washington

ORAL PRESENTATIONS

2024	1. A. Tacchino , "Presenza in carico riabilitativa della persona con SM: nuove tecnologie" – Convegno: Trattamento precoce personalizzato della persona con Sclerosi Multipla. Il contributo della Riabilitazione – Fondazione Don Carlo Gnocchi Onlus, Milan - (<i>Invited</i>) 2. A. Tacchino , "Wearable devices in MS" – Virtual Symposium: Cognition, Exercise and Technology in Multiple Sclerosis – Dokuz Eylül University, Smirne - (<i>Invited</i>)
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	<p>3. A. Tacchino, V. Guidotti, B. Shemtov, F. Di Antonio, L. Pedullà, G. Brichetto, J. Podda, "Interferenza cognitivo-motoria nella Sclerosi Multipla: confronto tra paradigmi diversi di dual-task e fenotipi cognitivo-motori." SIRN 2024 – Florence</p> <p>4. A. Tacchino, V. Guidotti, B. Shemtov, F. Di Antonio, L. Pedullà, G. Brichetto, J. Podda, "Wearables and apps to monitor MS." FISM 2024 – Rome - <i>(Invited)</i></p>
2023	<p>1. A. Tacchino, "Intervento cognitivo e sui disturbi dell'attenzione" – RODEO – Genoa - <i>(Invited)</i></p> <p>2. A. Tacchino, "Smart Home Technologies. User perspectives in MS. A pilot study" – SigMobility RIMS 2023 – Bilbao</p> <p>3. A. Tacchino, "Home-based EXergames To improve cognitive function in Multiple Sclerosis: a multicentre, randomised, sham-controlled, single-blind, parallel arm study (the EXTREMUS study)" – RIMS 2023 – Genoa</p> <p>4. A. Tacchino, "Percezione di limitazioni alla deambulazione, fatica percepita e affaticabilità valutata durante il 6MWT in persone con Sclerosi Multipla." – AIFI – Milan</p> <p>5. A. Tacchino, "Robots and exoskeletons" – JAMS – Rome - <i>(Invited)</i></p> <p>6. A. Tacchino, "Wearable devices" – ECTRIMS 2023 – Milan - <i>(Invited)</i></p> <p>7. A. Tacchino, "Social cognition decline in people with Multiple Sclerosis. Evidences from movement intention recognition." – SIAMOC Liguria – Genoa - <i>(Invited)</i></p>
2022	<p>1. A. Tacchino, "COVID 19 and its impact on healthcare professionals and rehabilitation centers. The RIMS international survey" – RIMS Webinar - <i>(Invited)</i></p> <p>2. A. Tacchino, "La riabilitazione del paziente SM. Tecnologie: dalla robotica alla realtà virtuale." Phygital communication: nuovi strumenti per la gestione del paziente con Sclerosi Multipla – Castel Gandolfo (RM) - <i>(Invited)</i></p> <p>3. A. Tacchino, "Wearable technology in MS" ECTRIMS 2022 – Amsterdam - <i>(Invited)</i></p> <p>4. A. Tacchino, C. Santoyo-Medina, K. Novotna, L. Moundjian, T. Smedal, E.C. Arntzen, M.L. van der Linden, Y. Learmonth, A. Kalron, F. Güngör, U. Nedeljkovic, D. Kos, J. Jonsdottir, S. Coote, E. Grange, L. Pedullà, "Attività fisica nella Sclerosi Multipla: rispettare le raccomandazioni degli esperti al tempo della pandemia di COVID-19." SIRN 2022 – Napoli</p> <p>5. A. Tacchino, J. Podda, "Monitoraggio con APP del deterioramento cognitivo in neurologia: il caso della sclerosi multipla." - Convegno ProSIT – Pisa - <i>(Invited)</i></p> <p>6. A. Tacchino, "Come le Associazioni di pazienti vedono la medicina digitale? Ci sono già delle iniziative intraprese? Cosa fare e con quali priorità?" - Webinar: La trasformazione digitale in medicina - <i>(Invited)</i></p> <p>7. A. Tacchino, G. Brichetto, "Telereabilitazione fisica" – Digital Health Campus – Live the Innovation Experience – Roma - <i>(Invited)</i></p>
2021	<p>1. A. Tacchino, "AISM: what has changed in the digital era?". A digital journey – Anacapri - <i>(Invited)</i></p> <p>2. A. Tacchino, "Studio retrospettivo di correlazione tra variabili cliniche di valutazione della respirazione/fonazione e patient reported outcomes in persone con sclerosi multipla." SIRN 2021 – Roma</p> <p>3. A. Tacchino, L. Pedullà, J. Podda, M. Monti Bragadin, M.A. Battaglia, M. Pau, G. Brichetto, "Tele-assessment in Multiple Sclerosis. Results from a survey on health practitioners." Virtual SigMobility RIMS 2020</p>
2020	<p>1. A. Tacchino, J. Podda, M. Ponzio, L. Bozzo, M. Monti Bragadin, G. Konrad, L. Pedullà, G. Brichetto, "Balance, depression, anxiety, QoL and fatigue in Multiple Sclerosis: a correlation study between a computerized dynamic stabilometric test and Patient Reported Outcomes". Virtual SigMobility RIMS 2020</p>
2019	<p>1. A. Tacchino, "Retrospective study of correlation between balance assessed with computerized dynamic stabilometric and patient reported outcomes in people with Multiple Sclerosis." SIRN 2019 – Perugia</p> <p>2. A. Tacchino, "Physical, cognitive and social monitoring towards self-management delivery in patient with multiple sclerosis." RIMS 2019 – Ljubljana</p> <p>3. A. Tacchino, "From motor-cognitive to social aspects in MS." FISM meets IIT workshop 2019 – Genoa</p> <p>4. A. Tacchino, "Tecnologia: dalla robotica alla realtà virtuale." Convegno: La riabilitazione della Sclerosi multipla: dalla presa in carico alle tecnologie innovative – Fondazione Don Carlo Gnocchi Onlus, Firenze - <i>(Invited)</i></p> <p>5. A. Tacchino, "Patient-Reported Outcomes (cosa sono, come vengono utilizzati)" GIORNATA NAZIONALE SISM 2019 – Bologna - <i>(Invited)</i></p> <p>6. A. Tacchino, L. Pellegrino, G. Stranieri, G. Brichetto, M. Coscia, M. Casadio, "Kinematics, muscular activity and spinal maps activation during activities of daily living: new hints for MS rehabilitation". SigMobility RIMS 2019 - Tel Aviv</p> <p>7. A. Tacchino, "Task-oriented rehabilitation in Multiple Sclerosis: technological solutions for motor evaluation". SigOccupation RIMS 2019 - Genoa - <i>(Invited)</i></p> <p>8. A. Tacchino, J. Podda, "Neuropsychological Rehabilitation – Cognitive Training and other Techniques" (Practical Session). Workshop RIMS 2019 – Milan - <i>(Invited)</i></p> <p>9. A. Tacchino, "Ruolo dello psicologo nell'aderenza al trattamento (farmacologico e riabilitativo)" 11° CONVEGNO NAZIONALE RETE PSICOLOGI 2019 – Roma - <i>(Invited)</i></p>
2018	<p>1. A. Tacchino, "Long term motor-cognitive monitoring in MS." RIMS 2018 – Amsterdam</p> <p>2. A. Tacchino, L. Pedullà, P. Canepa, L. Bonzano, C. Monteleoni, M.A. Battaglia, G. Brichetto, M. Bove, "Wind of Change: an Italian initiative to promote water sports in people with multiple sclerosis". SigMobility RIMS 2018 - Glasgow</p>
2017	<p>1. A. Tacchino, S. Fiorini, M. Ponzio, A. Barla, A. Verri, G. Brichetto, "Predizione del decorso di malattia nella Sclerosi Multipla. Un approccio con tecniche di Machine Learning." SIRN 2017 – Pisa</p> <p>2. A. Tacchino, M. Babazadeh, G.L. Mancardi, G. Brichetto, "The effect of yoga in people with Multiple Sclerosis." RIMS 2017 – Barcelona, Spain</p> <p>3. A. Tacchino, "Il punto di vista dell'end-user" CTI Liguria – Genoa - <i>(Invited)</i></p> <p>4. A. Tacchino, "Strategie di utilizzo delle nuove tecnologie per la valutazione dei disturbi cognitivi" 9° CONVEGNO NAZIONALE RETE PSICOLOGI 2017 – Roma - <i>(Invited)</i></p> <p>5. A. Tacchino, L. Pedullà, A. Bisio, L. Bonzano, M. Bove, M.A. Battaglia, G. Brichetto, "Sviluppo di un core- outcome set per la valutazione della scrittura in persone affette da Sclerosi Multipla." SIMFER 2017 – Genoa</p> <p>6. A. Tacchino, S. Fiorini, M. Ponzio, A. Barla, A. Verri, M.A. Battaglia, G. Brichetto, "Multiple Sclerosis disease course prediction: a machine learning model based on patient reported and clinician assessed outcomes." ECTRIMS 2017</p>

	– Paris, France
2016	1. A. Tacchino , “Nuove tecnologie al servizio della riabilitazione” 2° NapleSMeeting 2016 – Naples - (<i>Invited</i>)
2015	<ol style="list-style-type: none"> 1. A. Tacchino, G. Bricchetto, “L’equilibrio personalizzato” Festival della Scienza 2015 – Genova 2. A. Tacchino, L. Pedullà, C. Vassallo, L. Bonzano, M.A. Battaglia, M. Bove, G. Bricchetto, “Riabilitazione cognitiva nella Sclerosi multipla: Self-management della malattia: una applicazione mobile per il training cognitivo domiciliare” SIN 2015 - Genova 3. A. Tacchino, M.A. Battaglia, M. Bove, L. Pedullà, G. Bricchetto, “Mentally simulated motor actions in neurorehabilitation. A pilot study in Multiple Sclerosis”. The CONSORTIUM of Multiple Sclerosis Centers 2015 – Indianapolis, Indiana 4. A. Tacchino, F. Pavan, E. Pedrazzoli, R. Verza, G. Cancellieri, F. Coaro, M.A. Battaglia, G. Bricchetto, “Effetto dell’osservazione di azioni sul cammino in persone con Sclerosi Multipla”. SIRN 2015 – Novara 5. A. Tacchino, G. Bricchetto, Workshop: “Biofeedback Treatments: Videos and data from recent studies” 20th Annual RIMS Conference 2015 - Milan - (<i>Invited</i>) 6. A. Tacchino, M.A. Battaglia, M. Bove, L. Pedullà, G. Bricchetto, “Mentally simulated motor actions in neurorehabilitation. A pilot study in Multiple Sclerosis” 20th Annual RIMS Conference 2015 - Milan 7. A. Tacchino, E. d’Amico, M. Ponzio, S. Facchinetti, G. Bricchetto, M. Bulgheroni, “Predisposition and motivation assessment in using technologies in multiple sclerosis. A questionnaire on a wearable tool for unobtrusive motor and cognitive monitoring” 20th Annual RIMS Conference 2015 - Milan
2014	<ol style="list-style-type: none"> 1. A. Tacchino, G. Bricchetto, R. Teodorescu, L. Roccatagliata, G. Bommarito, C. Cordano, G.L. Mancardi, M.A. Battaglia, M. Inglese – “Brain activity during mental imagery in Multiple Sclerosis” SIPF 2014 - Firenze 2. A. Tacchino, G. Bricchetto, L. Pedullà, “Il recupero del tempo perduto - La sclerosi multipla e le frontiere della neuro-riabilitazione” Festival della Scienza 2014 - Genova 3. A. Tacchino, “Riabilitazione cognitiva nella Sclerosi Multipla - Un trattamento personalizzato intensivo a domicilio tramite un’applicazione per tablet non commerciale.” SIMFER 2014 - Torino 4. A. Tacchino, “Social cognition decline in Multiple Sclerosis. Evidences from intention recognition” The CONSORTIUM of Multiple Sclerosis Centers 2014 - Dallas, Texas 5. A. Tacchino, “Impairment in motor imagery progressively increases with Multiple Sclerosis disease evolution” The CONSORTIUM of Multiple Sclerosis Centers 2014 - Dallas, Texas 6. A. Tacchino, “L’immaginazione motoria nella locomozione è preservata in persone con Sclerosi Multipla? Uno studio pilota.” SIRN 2014 - Genova 7. A. Tacchino, “Immaginazione motoria nella Sclerosi Multipla: dipendenza dall’evoluzione della malattia” SIRN 2014 - Genova
2013	<ol style="list-style-type: none"> 1. A. Tacchino, G. Bricchetto, L. Pedullà, “La Bellezza Indispensabile” Festival della Scienza 2013 – Genova 2. A. Tacchino, “Effects Of Action Observation On Gait In Patients With Multiple Sclerosis A Pilot Study” The CONSORTIUM of Multiple Sclerosis Centers 2013 - Orlando, Florida 3. A. Tacchino, “La Bioingegneria nella Terapia Occupazionale: passato, presente, futuro” IV Congresso nazionale di Terapia Occupazionale – Roma 4. A. Tacchino, “Il possibile ruolo delle Neuroscienze nella Terapia occupazionale del futuro” IV Congresso nazionale di Terapia Occupazionale – Roma
2012	<ol style="list-style-type: none"> 1. A. Tacchino, “A new tool to evaluate superior arm movement in Multiple Sclerosis subjects during rehabilitation” The CONSORTIUM of Multiple Sclerosis Centers 2012 – San Diego, California 2. A. Tacchino, G. Bricchetto, F. Lugaro, D. Nevoso, “Riabilitare immaginando” Festival della Scienza 2012 – Genova 3. A. Tacchino, “Mentally simulated motor actions in neurorehabilitation: a new protocol for patients with Multiple Sclerosis” SIRN 2012 - Milano

CHAIRMAN POSITION

2023	1. RIMS 2023 – “RIMS Conference: Translating Knowledge into Practice: Embracing the Complexity of MS Rehabilitation” - Genoa
2019	1. SigMobility RIMS 2019 – Tel Aviv

PROJECTS

2024	1. Co-PI - SERIOUS Soft wEarable Robotics fOr mUltiple Sclerosis. (Funded by FISM Grant 2023)
2023	<ol style="list-style-type: none"> 1. Co-PI- Assessment and personalized training of driving skills in people with multiple sclerosis. (Funded by FISM Grant 2022) 2. Co-PI - Evaluation of the impact of experimentally induced fatigability on motor and cognitive functions. Effect of high intensity training on motor and cognitive functions: a pilot randomized controlled trial. (Funded by FISM Grant 2022)
2022	<ol style="list-style-type: none"> 1. PARTICIPANT - Psychometric properties of patient reported questionnaires assessing dual-task difficulties in daily life in persons with MS: an international multi-center study. (Funded by RIMS in 2022) 2. PRINCIPAL INVESTIGATOR - REhabilitation of cognitive and MOtor functions in the era of digital health: hints of TElererehabilitation for people with Multiple Sclerosis. (REMOTE-MS) (Funded by FISM in 2022 – Special Call) 3. PRINCIPAL INVESTIGATOR - FILL the gap in REHAbilitation. A randomized controlled trial using remotely-supported resistance exercises for the continuity-of-care of people with multiple sclerosis (FILL-REHAB)
2021	1. PARTICIPANT - Validating digital mobility assessment using wearable technology – the Mobilise-D MS STUDY. (Funded by The Newcastle upon Tyne Hospitals NHS Foundation Trust (NuTH)).

2020	<ol style="list-style-type: none"> 1. COINVESTIGATOR - To evaluate the activity and the efficacy of traditional swallowing therapy (TST) plus neuromuscular electrostimulation (NMES) vs TST plus sham NMES in MS patients with dysphagia (Funded by FISM Grant 2019) 2. PARTICIPANT - Can action observation and motor imagery training cause fatigability in MS? Assessment of their feasibility in the progressive forms. (Funded by FISM Grant 2019)
2019	<ol style="list-style-type: none"> 1. CO-PI - Multiple Sclerosis Fitness Intervention Training with Pilates exercises (MS-FIT) (Funded by FISM Grant 2018 – Special Call)
2018	<ol style="list-style-type: none"> 1. COINVESTIGATOR - MAppingMS Mobile Application for monitoring of motor-cognition-emotion in Multiple Sclerosis (Funded by FISM in 2018 – Special Call) 2. COINVESTIGATOR - Monitoring and integrating the rehabilitative process of persons with multiple sclerosis by means of a prosthetic aid with biofeedback (Funded by FISM Grant 2018) 3. Co-PI - Using home-based exergames to improve cognitive function in multiple sclerosis a multicenter, randomized, non-inferiority trial (Funded by FISM in 2018) 4. COINVESTIGATOR - Costs of comorbidity and cost-effectiveness analysis of an integrated collaborative care program in multiple sclerosis people (Funded by FISM in 2018)
2017	<ol style="list-style-type: none"> 1. COINVESTIGATOR - Unraveling early walking dysfunction in non-disabled MS people: clinical and instrumental assessment of disease progression and potential therapeutic interventions (Funded by FISM in 2017) 2. Co-PI - Home-based, computer-assisted cognitive rehabilitation for attention in pediatric onset Multiple Sclerosis using a new dedicated software: a pilot multicenter study (Funded by FISM in 2017 – Special Call)
2016	<ol style="list-style-type: none"> 1. COINVESTIGATOR - Cognitive-motor interference in persons with MS: dual task assessment & training. A multi-center study (MCS-IV-CMI&DTT) (Funded by RIMS in 2016)
2015	<ol style="list-style-type: none"> 1. COINVESTIGATOR - Re-writing in multiple sclerosis: a novel approach to evaluate and cope with the writing deterioration in patients with multiple sclerosis (Funded by FISM in 2015) 2. COINVESTIGATOR - Aerobic training as substrate for neural plastic changes in multiple sclerosis: a putative disease-modifying treatment? (Funded by ARSEP in 2015) 3. COINVESTIGATOR - Structural and functional brain MRI correlates of upper limb neurorehabilitation in patients with progressive MS (Funded by FISM in 2015 – Special Call) 4. COINVESTIGATOR - Early DETECTION of Multiple Sclerosis progression driven by clinical scales and Patient Reported Outcome (DETECT-MS PRO) (Funded by FISM in 2015)
2014	<ol style="list-style-type: none"> 1. COINVESTIGATOR - Psychometric properties of outcome measures for upper limb function, in multiple sclerosis: a multi-center study (MCS-III-UL) (Funded by RIMS in 2014) 2. COINVESTIGATOR - Psychometric properties of outcome measures for mobility, in multiple sclerosis: a multi-center study (MCS-III-MOB) (Funded by RIMS in 2014)
2013	<ol style="list-style-type: none"> 1. COINVESTIGATOR - A new functional PROfile to MONitor the PROgression of disability in Multiple Sclerosis PROMOPRO-MS (Funded by FISM in 2013 – Special Call)
2012	<ol style="list-style-type: none"> 1. COINVESTIGATOR - L'impatto della riabilitazione motoria e cognitiva sulle proprietà dinamiche della struttura cerebrale: verso la personalizzazione di interventi terapeutici in pazienti affetti da Sclerosi Multipla (Funded by FISM in 2011)
2011	<ol style="list-style-type: none"> 1. CO-PI – Progettazione e realizzazione di una stampella ingegnerizzata per la valutazione della stabilità posturale e del recupero funzionale nella riabilitazione del cammino attraverso tecniche di biofeedback acustiche e tattili (Funded by POR Liguria in 2011)
2008	<ol style="list-style-type: none"> 1. PARTICIPANT - Rehabilitation impact on the social cost and on the quality of life in MS as a model of physical disability (Funded by Health Italian Minister in 2008)
2005	<ol style="list-style-type: none"> 1. PARTICIPANT - Transcallosal inhibition in patients with multiple sclerosis (Funded by FISM in 2004)