

**DR. MARIA CONCETTA PELLICCIARI**  
**CURRICULUM VITAE**

**ACADEMIC AND PROFESSIONAL QUALIFICATIONS**

- Postgraduate degree in Psychotherapy awarded on Oct. 2017. Scuola di Specializzazione in Psicoterapia Cognitivo-Comportamentale (SPC), Rome (Italy) (riconosciuta dal MIUR con D.D. del 12 Febbraio 2002). Final vote 30/30 cum laude.
- Ph.D. in Psychophysiology awarded on Feb 2007. University of Rome “Sapienza”, Faculty of Psychology, Rome, Italy. Final thesis entitled: “Genetic aspect of sleep EEG cortical topography: a comparison between monozygotic and dizygotic twins”. Supervisor: Prof. L. De Gennaro
- Master of Science (Laurea) in Psychology, University of Rome “Sapienza”, Faculty of Psychology, Rome, Italy. Thesis title: “Effect of total sleep deprivation on the landmarks of stage 2 sleep”. Supervisor: Prof. L. De Gennaro.

**WORK - RESEARCH EXPERIENCE - PAST**

- 2017-2019: Post-doctoral research Fellow (Prof. Giacomo Koch), at the Non Invasive Brain Stimulation Unit/Department of Behavioural and Clinical Neurology, Santa Lucia Foundation IRCCS, Rome, Italy.
- 2014-2017: Post-doctoral research Fellow (Prof. Carlo Miniussi) at the Neurophysiology Laboratory, Cognitive Neuroscience Unit, IRCCS San Giovanni di Dio Fatebenefratelli Hospital, Brescia, Italy.
- 2003-2013: Fellow in the Sleep Psychophysiology Laboratory, headed by Prof. L. De Gennaro, Department of Psychology University of Rome “Sapienza”, Rome, Italy.
- 2009-2010: Research fellow “Study on wake and sleep EEG of elderly and Alzheimer subjects”, Cognitive Neuroscience Unit, IRCCS Centro San Giovanni di Dio, Fatebenefratelli, Brescia, Italy.
- 2005-2008: Research fellow “Age and neuroplasticity of primary motor cortex: study of paired associative stimulation”, Cognitive Neuroscience Unit, IRCCS Centro San Giovanni di Dio, Fatebenefratelli, Brescia, Italy.
- 2006-2008: Collaboration within the Project: “Efficacy of repetitive transcranial magnetic stimulation treatment for major drug-resistant depression”. IRCCS Centro San Giovanni di Dio, Fatebenefratelli, Brescia, Italy.
- 2005-2007: Research fellow “Local Sleep and long-term potentiation-like (LTP): changes on sleep EEG topography after induction of cortical plasticity toward Transcranial Magnetic Stimulation during wakefulness” supported by AFaR of Rome and IRCCS San Giovanni di Dio, Fatebenefratelli, Brescia, Italy.
- 2005: Visiting Student at the Sleep Laboratory of Geneve, Department de Psychiatrie, Hopitaux Universitaires de Geneve, Switzerland.
- 2003-2006: Ph.D. Student in Sleep Psychophysiology at the Sleep Psychophysiology Laboratory, Department of Psychology University of Rome “La Sapienza”, Rome, Italy. Supervisor: L. De Gennaro.
- 2003-2004: Attending Student in the Sleep Psychophysiology Laboratory, headed by Professor M. Bertini, Department of Psychology University of Rome “La Sapienza”, Rome, Italy.

**TEACHING EXPERIENCE:**

- 2013-2015: Lectures in Master’s degree, Advanced Master in Neuropsychology diagnostic and rehabilitation at the Catholic University Sacred Heart, Milan and Brescia, Italy. Title: “Neurophysiology of sleep” “Sleep Disorders”.

- 2012: Lecture in Master's degree, Advanced Master in Clinical Neuropsychology at the Faculty of Psychology, University of Padua, Italy. Title: "Non-invasive brain stimulation: from basic mechanisms to clinical application".
- 2011-2012: Practice in Master's degree, Advanced Master in Neuropsychology diagnostic and rehabilitation at the Catholic University Sacred Heart, Milan, Italy. Title: "Transcranial magnetic stimulation and transcranial electrical stimulation".

#### **SUPERVISING AND MENTORING ACTIVITIES**

- 2017: PhD Thesis Co-Advisor. Catholic University of the Sacred Heart, Rome, School of Medicine and Surgery Clinical Neuroscience.
- 2013: Bachelor of Science Thesis Co-Advisor. Faculty of Psychology, University of Padua, Italy. Mentor for Psychology students during their training period (on average 2 per year).

#### **INVITED TALKS**

- 09/03/2018: **Pellicciari M.C.** Non-invasive brain stimulation methods. II Congress on "Pain in neurology and its neuro-rehabilitation. SIRN Triveneta, Verona, Italy.
- 10-12/09/2012: **Pellicciari M.C.**, Fracassi C., Cotelli M., Miniussi C. Effects of the transcranial direct current stimulation treatment on cortical excitability in Alzheimer's disease. XI National Congress AFaR, Brescia, Italy.
- 22-24/11/2012: **Pellicciari M.C.** Homeostatic regulation of tDCS-induced cortical plasticity. XX Congress of Italian Society of Psychophysiology-SIPF, IRCCS San Camillo, Venezia, Italy.
- 24-26/11/2010: **Pellicciari M.C.**, Brignani D., Miniussi C. Transcranial direct current stimulation effects on spontaneous and evoked cortical activity: a combined TMS/EEG study. XVIII Congress of Italian Society of Psychophysiology-SIPF, Palermo, Italy.
- 16-18/10/2008: **Pellicciari M.C.**, Miniussi C., De Gennaro L., Rossini P.M. Cortical plasticity and neurophysiological aging. IX National Congress AFaR, Roma, Italy.
- 26-27/11/2005: **Pellicciari M.C.**, Bertini M., Costa S., Curcio G., Ferrara M., Fratello F., Marzano C., Moroni F., Sforza E., De Gennaro L. Electroencephalographic fingerprint of sleep is genetically determined: a twin study. X Meeting of Italian Society of Sleep Research. Faculty of Psychology, University "Sapienza" Roma, Italy.

#### **RESEARCH SUPPORT**

- 2015: Co-PI Young Researchers Grant of the Italian Ministry of Health: "The neural markers of post-stroke recovery: tracking the early dynamics of cortical reorganization with a novel longitudinal multimodal approach" (GR-2013-02358852) (PI: Dr. Sonia Bonni).
- 2015: Collaborator ADDF (Alzheimer Drug Discovery Foundation) Grant: "Dopaminergic therapy for Alzheimer's disease patients." (PI: Prof. Giacomo Koch).
- 2013: PI Young Researchers Grant of the Italian Ministry of Health: "Neurophysiological markers of neuroplasticity in normal and pathological aging" (GR-2011-02349998).
- 2005-2008: Award of AfaR Grant in collaboration with IRCCS Centro San Giovanni di Dio Fatebenefratelli, Brescia for the study with title: Local Sleep and Long term potentiation 2007: PhD in Psychophysiology, under the supervision of Prof. L. De Gennaro (University Sapienza of Rome).

#### **KEYWORDS**

Cognitive Neuroscience; Neuroplasticity; Learning; Memory; Behaviour; Human Neurophysiology; Electrophysiology (EEG); Connectivity; Non-invasive brain stimulation - NIBS; transcranial electrical stimulation – tES (tDCS; tACS; tRNS); transcranial magnetic stimulation - TMS (rTMS); Sleep; TMS combined with EEG; Corticospinal Excitability; Aging; Neurodegenerative disease; Depression; Stroke.

## MEMBERSHIP

Member of the Italian Psychophysiology Society (SIPF); Italian Society of Cognitive and Behavioural Therapy (SITCC).

## AD HOC REVIEWER FOR

Neuroscience, Experimental Brain Research, Frontiers in Psychiatry, Brain Stimulation, Frontiers in Human Neuroscience, European Journal of Neuroscience, Neuroscience Letters, Journal of Clinical Neurophysiology.

Editorial Board Member for Scientific Reports.

## AUTHORS OF BOOK CHAPTER

C. Miniussi, G.G. Ambrus, **M.C. Pellicciari**, V. Walsh, A. Antal (2013). Transcranial magnetic and electric stimulation in perception and cognition research. In Transcranial Brain Stimulation. Edited by Carlo Miniussi, Walter Paulus, Paolo M Rossini. Frontiers in Neurosciences series, CRC Press Taylor & Francis Group. chapter 13, 337-357.

## PUBLICATIONS

Cespón J, Rodella C, Miniussi C, **Pellicciari MC**. Behavioural and electrophysiological modulations induced by transcranial direct current stimulation in healthy elderly and Alzheimer's disease patients: A pilot study. *Clin Neurophysiol*. 2019 Aug 26;130(11):2038-2052. doi: 10.1016/j.clinph.2019.08.016.

Tremblay S, Rogasch N, Premoli I, Blumberger D, Casarotto S, Chen R, Di Lazzaro V, Farzan F, Ferrarelli F, Fitzgerald P, Hui J, Ilmoniemi R, Kimiskidis V, Kugiumtzis D, Lioumis P, Pascual-Leone A, **Pellicciari MC**, Rajji T, Thut G, Zomorodi R, Ziemann U, Daskalakis Z. Clinical utility and prospective of TMS-EEG. *Clin Neurophysiol*. 2019 May;130(5):802-844. doi: 10.1016/j.clinph.2019.01.001.

Koch G, Bonni S, Casula E, Iosa M, Paolucci S, **Pellicciari MC** et al, Effect of Cerebellar Stimulation on Gait and Balance Recovery in Patients With Hemiparetic Stroke: A Randomized Clinical Trial. *JAMA Neurol*. 2018 Nov 26. doi: 10.1001/jamaneurol.2018.3639.

Motta C, Di Lorenzo F, Ponzo V, **Pellicciari MC** et al. Transcranial magnetic stimulation predicts cognitive decline in patients with Alzheimer's disease. *J Neurol Neurosurg Psychiatry*. 2018 Dec;89(12):1237-1242. doi: 10.1136/jnnp-2017-317879

**Pellicciari MC**, Miniussi C. Transcranial Direct Current Stimulation in Neurodegenerative Disorders. *J ECT*. 2018 Sep;34(3):193-202. doi: 10.1097/YCT.0000000000000539.

Cespón J, Miniussi C, **Pellicciari MC**. Interventional programmes to improve cognition during healthy and pathological ageing: Cortical modulations and evidence for brain plasticity. *Ageing Res Rev*. 2018 May; 43:81-98. doi: 10.1016/j.arr.2018.03.001.

**Pellicciari MC**, Bonni S, Ponzo V, Cinnera AM, Mancini M, Casula EP, Sallustio F, Paolucci S, Caltagirone C, Koch G Dynamic reorganization of TMS-evoked activity in subcortical stroke patients. *Neuroimage*. 2018 Apr 7; 175:365-378. doi: 10.1016/j.neuroimage.2018.04.011

Cespon J, Rodella C, Rossini PM, Miniussi C, **Pellicciari MC**. Anodal transcranial direct current stimulation promotes frontal compensatory mechanisms in healthy elderly subjects. *Front Aging Neurosci*. 2017 Dec 18;9:420. doi: 10.3389/fnagi.2017.00420.

Koch G, Bonni S, **Pellicciari MC**, Casula EP, Mancini M, Esposito R, Ponzo V, Picazio S, Di Lorenzo F, Serra L, Motta C, Maiella M, Marra C, Cercignani M, Martorana A, Caltagirone C, Bozzali M. Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. *Neuroimage*. 2018 Apr 1;169:302-311. doi: 10.1016/j.neuroimage.2017.12.048.

- Pellicciari MC**, Ponzo V, Caltagirone C, Koch G. Restored Asymmetry of Prefrontal Cortical Oscillatory Activity after Bilateral Theta Burst Stimulation Treatment in a Patient with Major Depressive Disorder: A TMS-EEG Study. *Brain Stimul.* 2017 Jan - Feb;10(1):147-149. doi: 10.1016/j.brs.2016.09.006.
- Pellicciari MC**, Veniero D, Miniussi C. Characterizing the Cortical Oscillatory Response to TMS Pulse. *Front Cell Neurosci.* 2017 Feb 27;11:38. doi: 10.3389/fncel.2017.00038.
- Casula EP, **Pellicciari MC**, Ponzo V, Stampanoni Bassi M, Veniero D, Caltagirone C, Koch G. Cerebellar theta burst stimulation modulates the neural activity of interconnected parietal and motor areas. *Sci Rep.* 2016 Oct 31;6:36191. doi: 10.1038/srep36191.
- Casula EP, Stampanoni Bassi M, **Pellicciari MC**, Ponzo V, Veniero D, Peppe A, Brusa L, Stanzione P, Caltagirone C, Stefani A, Koch G. Subthalamic stimulation and levodopa modulate cortical reactivity in Parkinson's patients. *Parkinsonism Relat Disord.* 2017 Jan;34:31-37. doi: 10.1016/j.parkreldis.2016.10.009.
- Casula EP, **Pellicciari MC**, Picazio S, Caltagirone C, Koch G. Spike-timing-dependent plasticity in the human dorso-lateral prefrontal cortex. *Neuroimage.* 2016 Dec;143:204-213. doi: 10.1016/j.neuroimage.2016.08.060.
- Mancini M, Brignani D, Conforto S, Mauri P, Miniussi C, **Pellicciari MC**. Assessing cortical synchronization during transcranial direct current stimulation: A graph-theoretical analysis. *Neuroimage.* 2016 Oct 15;140:57-65. doi: 10.1016/j.neuroimage.2016.06.003.
- Vecchio F., **Pellicciari MC**, Miraglia F., Brignani D., Miniussi C. and Rossini P.M. Effects of transcranial direct current stimulation on the functional coupling of the sensorimotor cortical network. \*these two authors equally contributed as principal investigator. *Neuroimage.* 2016 Oct 15;140:50-6. doi: 10.1016/j.neuroimage.2016.01.051.
- Mancini M., **Pellicciari MC**, Brignani D., Mauri P., De Marchis C., Miniussi C., Conforto S. Automatic artifact suppression in simultaneous tDCS-EEG using adaptive filtering. *Conf Proc IEEE Eng Med Biol Soc.* 2015 Aug;2015:2729-32. doi: 10.1109/EMBC.2015.7318956.
- Polimanti R., Simonelli I., Zappasodi F, Ventriglia M., **Pellicciari MC**, Benussi L., Squitti R., Rossini P.M., Tecchio F. Biological factors and age-dependence of primary motor cortex experimental plasticity. *Neurol Sci.* 2016 Feb;37(2):211-8. doi: 10.1007/s10072-015-2388-6.
- Pellicciari MC**, Miniussi C., Ferrari C., Koch G., Bortoletto M. Ongoing cumulative effects of single TMS pulses on corticospinal excitability: An intra- and inter-block investigation. *Clin Neurophysiol.* 2016 Jan;127(1):621-628. doi: 10.1016/j.clinph.2015.03.002.
- Bortoletto M., **Pellicciari MC**, Rodella C., Miniussi C. The interaction with task-induced activity is more important than polarization: a tDCS study. *Brain Stimul.* 2015 Mar-Apr;8(2):269-76. doi: 10.1016/j.brs.2014.11.006.
- Pellicciari MC**, Cordone S, Marzano C, Bignotti S, Gazzoli A, Miniussi C, De Gennaro L. Dorsolateral prefrontal transcranial magnetic stimulation in patients with major depression locally affects alpha power of REM sleep. *Front Hum Neurosci.* 2013 Aug 2;7:433. doi: 10.3389/fnhum.2013.00433.
- Pellicciari MC**, Brignani D, Miniussi C. Excitability modulation of the motor system induced by transcranial direct current stimulation: a multimodal approach. *Neuroimage.* 2013 Dec;83:569-80. doi: 10.1016/j.neuroimage.2013.06.076.
- Miniussi C., Brignani D. and **Pellicciari MC**. Combining transcranial electrical stimulation with electroencephalography: a multimodal approach. *Clin EEG Neurosci.* 2012 Jul;43(3):184-91. doi: 10.1177/1550059412444976.
- Cacciari C., Bolognini N., Senna I., **Pellicciari MC**, Miniussi C., Papagno C. Literal, fictive and metaphorical motion sentences preserve the motion component of the verb: A TMS study. *Brain Lang.* 2011 Dec;119(3):149-57. doi: 10.1016/j.bandl.2011.05.004.

- Pellicciari MC**, Miniussi C., Rossini P.M., De Gennaro L. Increased cortical plasticity in the elderly: changes in the somatosensory cortex after paired associative stimulation. *Neuroscience*. 2009 Sep 29;163(1):266-76. doi: 10.1016/j.neuroscience.2009.06.013.
- Pellicciari MC**, Veniero D., Marzano C., Moroni F., Fratello F., Curcio G., Ferrara M., Miniussi C., Rossini P.M., De Gennaro L. Heritability of intracortical inhibition and facilitation. *J Neurosci*. 2009 Jul 15;29(28):8897-900. doi: 10.1523/JNEUROSCI.2112-09.2009.
- Tecchio F., Zappasodi F., Pasqualetti P., De Gennaro L., **Pellicciari MC**, Ercolani M., Squitti R., Rossini P.M. Age dependence of primary motor cortex plasticity induced by paired associative stimulation. *Clin Neurophysiol*. 2008 Mar;119(3):675-682. doi: 10.1016/j.clinph.2007.10.023.
- De Gennaro L., Marzano C., Fratello F., Moroni F., **Pellicciari MC**, Ferlazzo F., Costa S., Couyoumdjian A., Curcio G., Sforza E., Malafosse A., Finelli L., Pasqualetti P., Ferrara M., Bertini M., Rossini P.M. The electroencephalographic fingerprint of sleep is genetically determined: a twin study. *Ann Neurol*. 2008 Oct;64(4):455-60. doi: 10.1002/ana.21434.
- De Gennaro L., Fratello F., Marzano C., Moroni F., Curcio G., Tempesta D., **Pellicciari MC**, Pirulli C., Ferrara M., Rossini P.M. Cortical plasticity induced by transcranial magnetic stimulation during wakefulness affects electroencephalogram activity during sleep. *PLoS One*. 2008 Jun 25;3(6):e2483. doi: 10.1371/journal.pone.0002483.
- De Gennaro L., Marzano C., Veniero D., Moroni F., Fratello F., Curcio G., Ferrara M., Ferlazzo F., Novelli L., **Pellicciari MC**, Bertini M., Rossini P.M. Neurophysiological correlates of sleepiness: a combined TMS and EEG study. *Neuroimage*. 2007 Jul 15;36(4):1277-87. doi: 10.1016/j.neuroimage.2007.04.013.
- Marzano C., Fratello F., Moroni F., **Pellicciari MC**, Curcio G., Ferrara M., Ferlazzo F., De Gennaro L. Slow eye movements and subjective estimates of sleepiness predict EEG power changes during sleep deprivation. *Sleep* 2007, May 1; 30(5):610-6. doi: 10.1093/sleep/30.5.610.
- Ferrara M., Curcio G., Fratello F., Moroni F., Marzano C., **Pellicciari MC**, De Gennaro L. The electroencephalographic substratum of the awakening process. *Behav Brain Res*. 2006 Feb 28;167(2):237-44. doi: 10.1016/j.bbr.2005.09.012
- Fratello F., Veniero D., Curcio G., Ferrara M., Marzano C., Moroni F., **Pellicciari MC**, Bertini M., Rossini P.M., De Gennaro L. Modulation of corticospinal excitability by paired associative stimulation: reproducibility of effects and intraindividual reliability. *Clin Neurophysiol*. 2006 Dec;117(12):2667-74. doi: 10.1016/j.clinph.2006.07.315
- Curcio G., Ferrara M., **Pellicciari MC**, Cristiani R., De Gennaro L. Effect of total sleep deprivation on the landmarks of stage 2 sleep. *Clin Neurophysiol*. 2003 Dec;114(12):2279-85. doi: 10.1016/S1388-2457(03)00276-1.

#### INTERNATIONAL CONFERENCE

- Pellicciari M.C.**, Rodella C., Cespon J., Rossini P.M., Miniussi C. TDCS polarity-dependent neuroplasticity changes in physiological brain aging: a multimodal study. *Second International Brain Stimulation Conference*. Barcelona, 5-8 March 2017.
- Pellicciari M.C.**, Bonni S., Martino Cinnera A., Ponzo V., Casula E., Koch G. Motor cortical reorganization and clinical outcomes after stroke: a longitudinal TMS/EEG evaluation. *Second International Brain Stimulation Conference*. Barcelona, 5-8 March 2017.
- Rodella C., Cespón J., Rossini P.M., Miniussi C., **Pellicciari M.C.** tDCS-induced changes in physiological and pathological brain aging: a multimodal study. *13<sup>th</sup> International Conference for Cognitive Neuroscience*. Amsterdam, 5-8 August 2017.
- Cespón J., Rodella C., Miniussi C., **Pellicciari M.C.** Working memory electrophysiological correlates after transcranial Direct Current Stimulation in healthy ageing and Alzheimer's disease. *13<sup>th</sup> International Conference for Cognitive Neuroscience*. Amsterdam, 5-8 August 2017.

- Pellicciari M.C.**, Di Lorenzo F., Bonni S., Martino Cinnera A., Ponzo V., Casula E., Koch G. Cortical reorganization and clinical outcomes after stroke: a longitudinal TMS/EEG evaluation. *6th International Conference on Transcranial Brain Stimulation 2016*. Göttingen, 7-10 September 2016.
- Rodella C., Cespón J., Rossini P.M., Miniussi C., **Pellicciari M.C.** Prefrontal cortical excitability enhancement after cathodal tDCS: A multimodal study. *6th International Conference on Transcranial Brain Stimulation 2016*. Göttingen, 7-10 September 2016.
- Casula C., **Pellicciari M.C.**, Ponzo V., Stampanoni Bassi M., Veniero D., Caltagirone C., G. Koch Cerebellar theta burst stimulation modulates the neural activity of interconnected parietal and motor areas. *VI European Congress of Transcranial Brain Stimulation*. Göttingen, September 7-10, 2016.
- Mancini M., **Pellicciari M.C.**, Brignani D., Mauri P., De Marchis C., Miniussi C., Conforto S. Automatic artifact suppression in simultaneous tDCS-EEG using adaptive filtering. *37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society of the IEEE Engineering in Medicine and Biology Society*. Milano, 25-29 August 2015.
- Pellicciari M.C.**, Brignani D., Miniussi C. Excitability modulation of the motor system induced by transcranial direct current stimulation. *5th International Conference on Non-invasive Brain Stimulation*. Leipzig, 19-21 March 2013.
- Bortoletto M., **Pellicciari M.C.**, Miniussi C. State-dependency of tDCS-induced plasticity in the motor cortex. *5th International Conference on Non-invasive Brain Stimulation*. Leipzig, 19-21 March 2013.
- Pellicciari M.C.**, Bortoletto M., Mauri P.C., Miniussi C. tDCS combined with training not always gates motor cortical plasticity. *2<sup>nd</sup> Workshop on Synaptic Plasticity: From Bench to Bed Side*. Taormina, 29 September- 1 October, 2012.
- Pellicciari M.C.**, Brignani D., Miniussi C. Transcranial direct current stimulation effects on spontaneous and evoked cortical activity: a combined TMS/EEG study. *14<sup>th</sup> European Congress on Clinical Neurophysiology*. Rome, 21-25 June 2011.
- Pellicciari M.C.**, Cotelli M., Fracassi C., Laghetto L., Miniussi C. Effects of the transcranial direct current stimulation treatment on cortical excitability in Alzheimer's disease. *14<sup>th</sup> European Congress on Clinical Neurophysiology*. Rome, 21-25 June 2011.
- Cacciari C., **Pellicciari M.C.**, Fogliata A., Miniussi C., Papagno C. The motion component is preserved in metaphorical sentences. A TMS study. *VERB2010 Interdisciplinary Workshop on Verbs*. Pisa, 4-5 November 2010.
- Pellicciari M.C.**, Brignani D., Miniussi C. Transcranial direct current stimulation effects on motor cortical reactivity and connectivity: a combined TMS/EEG study. *First workshop on synaptic plasticity: from bench to bed side*. Taormina, 28 April-1 May 2010.
- Brignani D., **Pellicciari M.C.**, Miniussi C. What happens in the EEG during and after tDCS application? *First workshop on synaptic plasticity: from bench to bed side*. Taormina, 28 April-1 May 2010.
- Pellicciari M.C.**, Miniussi C., Rossini P.M., De Gennaro L. Somatosensory cortical plasticity in physiological aging. *TMS Summer School "Attention, Perception and Motor Cognition"*. London 29-30 May 2009.
- Popolo R., Basile B., Mari J., Orritos A., **Pellicciari MC**. Metacognition in anxiety disorders: a preliminary study. *European Conference of Society for Psychotherapy Research (SPR)*, Bolzano 1- 3 October 2009.
- Pellicciari M.C.**, Rosato M., Miniussi C., Rossini P.M., De Gennaro L. Plasticity in primary somatosensory cortex in young and older humans. *Third International Conference on Transcranial Magnetic and Direct Current Stimulation*. Göttingen, 1-4 October, 2008.
- Basile B., Mari J., Orritos A., **Pellicciari M.C.**, Carabelli F., Panetta I., Popolo R. Metacognitione nei disturbi d'ansia e nella depressione: evidenza clinica. *Conference of Society for Psychotherapy Research (SPR)*. Modena 26-28 September 2008.

- Marzano C., Fratello F., Moroni F., **Pellicciari M.C.**, Novelli L., Curcio G., Ferrara M., De Gennaro L. Slow eye movements (SEMs) predict EEG power changes and subjective estimates of sleepiness during sleep deprivation only with eyes closed. *Journal of Sleep Research* 15(Suppl. 1), 250. XVIII Congress of the ESRS 2006.
- Curcio G., Ferrara M., Fratello F., Marzano C., Moroni F., **Pellicciari M.C.**, Veniero D., De Gennaro L. Excitability of the motor cortex after sleep deprivation: a transcranial magnetic stimulation study. *Journal of Sleep Research* 15 (Suppl. 1), 249. XVIII Congress of the ESRS 2006.
- De Gennaro L., Curcio G., Fratello F., Marzano C., Moroni F., **Pellicciari M.C.**, Costa S., Ferrara M. Heritability of the sleep EEG fingerprint: a study in twins. *Journal of Sleep Research* 15 (Suppl. 1), 242. XVIII Congress of the ESRS 2006.
- Ferrara M., Moroni F., Curcio G., Fratello F., Marzano C., **Pellicciari M.C.**, Bertini M., De Gennaro L. A Spectral Power Analysis of the Sleep Inertia Period. *19th Annual Meeting of The Associated Professional Sleep Societies' (APSS) Denver*, June 18-23, 2005.
- Marzano C., Sforza E., Curcio G., Fratello F., Moroni F., **Pellicciari M.C.**, Ferrara M., De Gennaro L. Sleep state misperception: Is it a true subjective insomnia? *The Interim Congress of World Federation of Sleep Research and Sleep Medicine Societies (WFSRSMS) New Delhi, India*, 22-26 September 2005.
- De Gennaro L., Curcio G., Fratello F., Marzano C., Moroni F., **Pellicciari M.C.**, Ferrara M. Cortical EEG topography of the sleep-wakefulness transition. *The Interim Congress of World Federation of Sleep Research and Sleep Medicine Societies (WFSRSMS) New Delhi, India*, 22-26 September 2005.

#### NATIONAL CONFERENCE

- Rodella C., Cespón J., Rossini P.M., Miniussi C., **Pellicciari M.C.** tDCS polarity-dependent neuroplasticity changes in physiological brain aging: a multimodal study. *XXIV Congresso della Società Italiana di Psicofisiologia*. Milano 27-29 October 2016.
- Casula E., Stampanoni Bassi M., **Pellicciari M.C.**, Ponzio V., Veniero D., Peppe A., Brusa L., Stanzione P., Caltagirone C., Stefani A., Koch G. Subthalamic stimulation and levodopa modulate cortical reactivity in Parkinson's patients. *XLVIII Congress of the Italian Society of Neurology*, Lido di Venezia, October 22-24, 2016
- Casula E., **Pellicciari M.C.**, Ponzio V., Stampanoni Bassi M., Veniero D., Caltagirone C., Koch G. Cerebellar theta burst stimulation modulates the neural activity of interconnected parietal and motor areas. *XLVIII Congress of the Italian Society of Neurology*, Lido di Venezia, October 22-24, 2016.
- Pellicciari M.C.**, Bonni S., Martino Cinnera A., Ponzio V.1 Casula E., Koch G. Cortical reorganization and clinical outcomes after stroke: a longitudinal TMS/EEG evaluation. *XXIII Congresso della Società Italiana di Psicofisiologia*, Lucca, 19-21 November 2015.
- Pellicciari M.C.**, Cotelli M., Fracassi C., Miniussi C. Effects of the transcranial direct current stimulation treatment on cortical excitability in Alzheimer's disease. *57° Congresso Nazionale SINC*, Mantova, 17-19 May 2012.
- Pellicciari M.C.**, Fracassi C., Cotelli M., Laghetto L., Miniussi C. Effects of the tDCS treatment on spontaneous and evoked cortical activity in Alzheimer's disease. *XIX Congresso della Società Italiana di Psicofisiologia*. Brescia, 14-16 November 2011.
- Pellicciari M.C.**, Brignani D., Miniussi C. Transcranial direct current stimulation effects on motor cortical reactivity: A combined TMS/EEG study. *X Congresso Nazionale Afar: Scienza e Fede: scelta di vita*. Brescia, 28-29 October 2010.

#### Attended Congress and Courses:

- XXVI Congresso della Società Italiana di Psicofisiologia, Torino, 15-17 Novembre 2018
- XXV Congresso della Società Italiana di Psicofisiologia, Roma, 16-18 Novembre 2017.

- Second International Brain Stimulation Conference. Barcelona, 5-8 March 2017.
- XXIV Congresso della Società Italiana di Psicofisiologia. Milano 27-29 October 2016.
- 5th International Conference on Non-invasive Brain Stimulation, University Leipzig, 19-21 Marzo 2013.
- XI Congresso Nazionale AFaR: Scienza e Fede: scelta di vita. Brescia, 10-12 Settembre 2012.
- 2nd Workshop on Synaptic Plasticity: From Bench to Bed Side, 29 Settembre - 1 Ottobre, 2012 Taormina, Italia.
- Toolkit of Cognitive Neuroscience: advanced data analysis and source modelling of EEG and MEG data. Donders Institute for Brain, Cognition and Behaviour. Nijmegen, 7-10 Maggio, 2012.
- 57° Congresso Nazionale SINC - Mantova, 17-19 Maggio 2012.
- XX Congresso Nazionale SIPF- IRCCS San Camillo Venezia, 22-24 Novembre 2012.
- European AfaR Meetings. Venezia, 5-6 Dicembre 2011.
- XIX Congresso Società Italiana di Psicofisiologia. IRCCS Centro San Giovanni di Dio Fatebenefratelli, Brescia, 14-16 Novembre 2011.
- XIV European Congress on Clinical Neurophysiology. Università Cattolica del Sacro Cuore, Roma, 21-25 Giugno 2011.
- Corso di Bio-statistica, tenuto dal Prof. Patrizio Pasqualetti. Brescia, 19-21 Aprile, 17-19 Maggio, 15-16 Giugno 2011.
- XVIII Congresso SIPF-Società Italiana di Psicofisiologia. Palermo, 24-26 Novembre 2010.
- Corso teorico pratico: “Neuronavigazione e utilizzo del sistema Softaxic Optic 2.0”. IRCCS Centro San Giovanni di Dio Fatebenefratelli, Brescia, 11 Novembre 2010.
- Workshop: “Nuove Prospettive della Stimolazione Elettrica Transcranica: tra sperimentazione e clinica”. IRCCS Centro San Giovanni di Dio Fatebenefratelli, Brescia, 12 Novembre 2010.
- X Congresso Nazionale AFaR: Scienza e Fede: scelta di vita. Brescia, 28-29 Ottobre 2010.
- First workshop on synaptic plasticity: from bench to bed side. Taormina, 28 April-1 May 2010.
- Corso formativo “Efficacia clinica delle terapie di gruppo”. Brescia, 19 Settembre 2009.
- TMS Summer School-Magstim, “Attention, Perception and Motor Cognition”. London 29-30 Maggio 2009.
- Third Brixia International Conference “Antipsychotics and Antidepressants: are the labels appropriate or too restrictive?” Brescia, 7-9 Maggio 2009.
- Third International Conference on Transcranial Magnetic and Direct Current Stimulation. Gottingen, 1-4 Ottobre 2008.
- IX Congresso Nazioanle AFaR. Roma 16-18 Ottobre 2000.
- Convegno “I nuovi criteri per la diagnosi preclinica di malattia di Alzheimer”. Brescia 31 Gennaio 2008.
- Workshop “Basi fisiologiche e applicazioni terapeutiche della TMS e tecniche correlate”. Roma, 26-27 Ottobre 2007.
- Workshop “BrainVision Analyzer”. Brescia, 5-6 Dicembre 2007.
- Workshop “The Physiology of Mind”. Pavia 15-16 Novembre 2007.
- XI Corso Residenziale di Medicina del Sonno “Disturbi del sonno dell’adulto e del bambino”. Bertinoro, 13-19 Aprile 2007.
- 18th Congress of European Sleep Research Society. Innsbruck 12-16 Settembre 2006.
- Congresso internazionale “Obsessive-compulsive disorder: theoretical models, research data, perspectives of treatment. Towards a new understanding of OCD”. Roma, 5 Ottobre 2006.



- Incontri scientifici “Aspetti e Tecniche diagnostiche delle demenze e delle malattie mentali”. Brescia, 3-10 Aprile, 8 Maggio, 5, 26 Giugno 2006.
- Corso di aggiornamento: “Il trattamento integrato residenziale e territoriale del disturbo borderline di personalità”, 21 Aprile 2006.
- Il Workshop “La Stimolazione Magnetica Transcranica nelle Neuroscienze Cognitive”. Brescia, 21 Ottobre 2005.