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DATE AND PLACE OF BIRTH 17.06.1975, Skopje, Republic of Macedonia

NATIONALITY Republic of Macedonia

EDUCATION

- Sept. 2015 - on
Trainee in Child and Adolescent Psychiatry, University Psychiatric Clinic, Medical Faculty, Skopje, Macedonia
- 2008 - 2012
PhD thesis title: "*Neurophysiological correlations and endophenotypes in attention deficit hyperactivity disorder*"
Faculty of Medicine
University„Ss. Cyril and Methodius", Skopje
PhD studies, Department of Physiology, Medical Faculty
- 2000 - 2007
MSc thesis title: "*Neurofeedback in the assessment and treatment of attention deficit hyperactivity disorder in children*"
Faculty of Medicine
University„Ss. Cyril and Methodius", Skopje
MSc. studies, University Pediatric Clinic, Medical Faculty
Average grade 9.75 (out of 10)
- 1993 – 1999
Faculty of Medicine
University„Ss. Cyril and Methodius", Skopje
BSc. studies, MD
Average grade 9.37 (out of 10)

Current positions:

WORKING

- Head of the Neurophysiology Section, July 2012 – on
Sector for Neuroinformatics in function of Sustainable Development
Research Center for Energy and Sustainable Development
Macedonian Academy of Sciences and Arts (RCESD-MASA),

EXPERIENCE

Skopje, Macedonia

- Ass. Prof. of Physiology at the Faculty of Dentistry, European University, R. Macedonia, Feb.2013 – on

Previous positions:

- Research assistant (MASA), 2007 - 2012
- Young research assistant (MASA), 2000 - 2007
- GP (doctor of general practice) – Neuromedika, 1999 - 2000

PARTICIPATION IN INTERNATIONAL RESEARCH PROJECTS

- **Action CA16210: Maximising impact of Neurodevelopmental Disorders** (EU/ESF COST, 2017-2021)
- **Action CA16102: European Network on Individualized Psychotherapy Treatment of Young People with Mental Disorders** (EU/ESF COST, 2017-2021)
- **Action TD1309: Play for Children with Disabilities (LUDI)** (EU/ESF COST, 2014-2018)
- **Action BM1309: European network for innovative uses of EMFs in biomedical applications (EMF-MED)** (EU/ESF COST, 2014-2018)
- **Action IS1302: Towards an EU research framework on forensic psychiatric care** (EU/ESF COST, 2014-2018)
- **Action TD1006: European Network on Robotics for Neurorehabilitation** (EU/ESF COST, 2011-2015)
- **Action BM1004: Enhancing the scientific study of early autism: A network to improve research, services and outcomes** (EU/ESF COST, 2010-2014)
- **Neuronal Electricity and Neurofeedback** (TÜBITAK, 2009-2011)
- **Action BM0605: Consciousness: A Transdisciplinary Integrated Approach** (EU/ESF COST, 2007-2011)
- **Action BM0601: Advanced Methods for the Estimation of Human Brain Activity and Connectivity (NEUROMATH)** (EU/ESF COST, 2007-2011)
- **Inter-sectoral Mobility of Researchers in South-Eastern Europe - I-SEEMob** (EU FP7, 2009-2011)

PARTICIPATION IN NATIONAL RESEARCH PROJECTS

- **Action B27: Electric Neuronal Oscillations and Cognition (ENOC)** (EU/ESF COST, 2005-2009)
- **Development of Researchers Mobility Policy Guidelines for the Region of Western Balkans - WEB-MOB** (EU FP6, 2005-2007)
- **Chaos Synchronization and Analyses of Experimental and Clinical Data** (NATO, 2001-2003)
- **Subcellular brain processes** (MANU, MK, 2000-2002)
- **New concepts and methods in pediatric psychosomatics –** (Macedonian ministry for education and science, MK, 1999-2002)
- **Computer - aided Electrobiofeedback - Theory and Application,** (**MANU, MK,** 2001-2003)
- **Bioinformatics and Neurofeedback**, (Sarafov Donation, MK, 2001-2007)
- **Pediatric psychophysiology - theory and practice,** (Macedonian ministry for education and science, MK 2003-2006)
- **Electric Neuronal Oscillations – Theory and Application,** (MANU, MK, 2005-2007)
- **Electric neuronal oscillations and cognition** (Macedonian ministry for education and science, MK 2005-2009)
- **Electrical brain processes and cognition,** (MANU, MK, 2008-2010)
- **Electromagnetic technologies and cognitive performances,** (MANU, MK**,** 2009-2011)
- **Modulation of electrical brain oscillations** (MANU, MK, 2012-2014)
- **Psychophysiology of attention: comparison children vs. adults** (MANU, MK, 2013-2015)
- **EEG coherence in ADHD, depression and anxiety**(MANU and SANU Bilateral Project, 2016-2017)

TRAINING

- EPA (European Psychiatry Association) Itinerant Course "Recognising and assessing negative symptoms in patients with schizophrenia" with Prof. Armida Mucci, 18 November, 2017, Banja Luka, Bosnia and Herzegovina
- ESCAP Research Academy, Geneva, (Switzerland) 6-8 July, 2017.
- 13th International Training Seminar in Child & Adolescent Psychiatry, 12-17th March, 2017, Bertinoro (Italy).
- ECNP School Child & Adolescent NeuroPsychoPharmacology, April 2-7, 2017, Venice (Italy).
- Training seminar for national experts on drug use disorders and associated co-morbidity, In the framework of the UNODC-WHO Joint Programme on Drug Dependence Treatment and Care, 18-19 May, 2016, Skopje.
- Prevention of psychoactive substances use at the working place, TAIEX – European Commission, Skopje, 20 - 21 June 2016.
- Publishing integrity and good practices in editing in biomedicine, Skopje, 25 April, 2014.
- BSI Spring 2013 18 April Webinar 3c: The Management of Anxiety, PTSD, Insomnia and Depression with Electrons: A Brief Primer on Cranial Electrotherapy Stimulation (CES), Dan Kirsch, PhD
- COST ESSEA Training School on Novel Methods in Developmental Research, Uppsala Child and Baby Lab, Uppsala, Sweden, 1-5 October, 2012
- Neurophysiological endophenotypes and neurofeedback treatment in children with autism spectrum disorder, COST-STSM-BM1004, Host: Prof. Filippo Muratori, Division of Child Neurology and Psychiatry, University of Pisa, Stella Maris Scientific Institute, 09-18 Sept, 2012
- Training Course in Advanced Science Communications for COST Action Chairs, COST-ECSITE, Mechelen, Belgium, 5-6 October, 2009
- "Introduction to biofeedback", Harry Campbell, on-line training course, 1 Sept., 2009
- Joint SAN/COST B27 Training Schools on Neurofeedback and ADHD & International course and Conference MIND AND BRAIN VI: Neuroplasticity of Brain and Behavior, April 16-21, 2009, Dubrovnik, Croatia
- Use of event related potential (ERP) components and sLORETA as diagnostic tools in ADHD, COST-STSM-B27-04519, Host: Prof. Juri D. Kropotov, Human Brain Institute of Russian Academy of Sciences, St. Peterburg, Russia, 23 Feb. – 08 March, 2009
- "Quantitative EEG (QEEG) and Event related potentials (ERP) as a precondition for a successful Neurotherapy", Instructor: Juri D. Kropotov, PhD., Wetzikon, Switzerland, November 06-08, 2008
- Differences between ICA components during emotional and visual CPT in normal and ADHD adults, COST-STSM-B 27-04125, Host:

Dr Andreas Müller, Chur, Switzerland, 02-08 November, 2008

- QEEG, ERP's and ANT testing in ADHD, COST-STSM-B27-03262, Host: Dr Andreas Müller, Chur, Switzerland, 11-23 November, 2007
- "Course on Quantitative EEG and Neurotherapy", Instructor: Juri D. Kropotov, PhD., at the Scientific meeting "Applied neuroscience for healthy brain function", Nijmegen, Netherlands, May 21, 2007
- "When personality disorders are involved: The integration of body, cognition, attention and emotion in psychotherapy for anxiety and depression in simple and complicated cases" Instructor: Daniel Hamiel, Ph.D., at the 11th Annual Meeting of the Biofeedback Foundation of Europe, Berlin, Germany, February 27, 2007
- "How the mind/brain works – A model of consciousness" Instructor: Jay Gunkelman, QEEGD, at the 11th Annual Meeting of the Biofeedback Foundation of Europe, Berlin, Germany, February 28, 2007
- "Optimizing performance and health – Assessment" Instructor: Vietta Wilson, Ph.D., at the 11th Annual Meeting of the Biofeedback Foundation of Europe, Berlin, Germany, March 2, 2007
- "Optimizing performance and health – Training" Instructor: Vietta Wilson, Ph.D., at the 11th Annual Meeting of the Biofeedback Foundation of Europe, Berlin, Germany, March 3, 2007
- "Application of Different Biofeedback Modalities in Treating Psycho-physiological Disorders by using BOSLAB Biofeedback interface" Instructor: Olga M. Bazanova, Ph. D, Skopje, Macedonia, October, 2006
- "QEEG and Neurofeedback", Instructor: Juri Kropotov, PhD, Neurofeedback holiday, Greece, July, 2006
- "EEG Evaluation and Treatment of ADD/HD, and Other Disorders", Instructors: Joel F. Lubar, PhD & Judith O. Lubar, LCSW, BCD, Amsterdam, Netherlands, March 1-2, 2002
- "RSI, What about Stress?", Instructors: Martie Gerus, PT & Gideon de Haan, PT, Amsterdam, Netherlands, February 28, 2002
- "Basics of EEG Biofeedback", Instructors: Ben Reitsma, PhD; Johan Fekkes, drs. & Wytze van der Zwaag, drs., Amsterdam, Netherlands, February 27, 2002
- "EEG Biofeedback for Professionals-theory and practice", 60 hours training course, Faculty: Prof. J. Faber, MD, PhD; J. Tyl, PhD; V. Tylova, PhD, Prague, Czesh Republic, September, 2001
- "Using the EEG for Assessment and Treatment 3a and 3b", Instructor: Lynda Thompson, PhD and Michael Thompson, MD; Prien, Germany, February 18-19, 2001
- "Alpha-Theta training and its Application in Medicine,

Psychotherapy and Personal Transformation with Focus on Alcohol Addiction, Instructor: Knut Bendorfer, Dr.rer.net, Prien, Germany, February 16, 2001

- "Principles and Methods for Quantitative EEG Assessment and Applications to Neurofeedback Therapy I" Instructor: M.B. Sterman, Ph. D; Wolfgang Keeser, PhD, Prien, Germany, February 15, 2001

PAPERS/ABSTRACTS

1. Pop-Jordanova N., *Markovska S*., Zorcec T., Koceski S. (2001). **Somatoform Disorders in Children and Biofeedback Mitigation,** In the Proceedings of the 5th Annual Meeting and Workshops of the Biofeedback Foundation of Europe, Prien, Germany, February 15-19.
2. Поп-Јорданова Н., Зорчец Т., Демерџиева А., *Марковска С.* (2001). **Биофидбек у базичној и клиничкој неурофизиологији,** XVI Југословенски симпозијум о епилепсији, Белград, стр. 83-92, Одабране теме из епилептологије 2, Ноември 1-3.
3. *Markovska S.* (2001). **Neurofeedback treatment of attention deficit hyperactivity disorder,** XVI Yugoslav Epilepsy Symposium, Belgrade, Book of abstracts; p. 144, Nov 1-3.
4. *Markovska S*., Pop-Jordanova N. (2002). **Treatment of Attention Deficit Hyperactivity Disorder using Theta-Beta Neurofeedback**, Biofeedback Foundation of Europe, 6th Annual Meeting and Workshops, Amsterdam, Netherlands, February 26-March 03.
5. Pop-Jordanova N., *Markovska S*. (2002). **EEG Biofeedback in the Treatment of Attention deficit Hyperactivity Disorder in Children,** The 9th International Child Neurology Congress, Beijing, China, September 20-25, 2002; Also *Brain and Development, Official Journal of the Japanese Society of Child Neurology,* Vol.24, No.6, p.520.
6. Демерџиева А., Поп-Јорданова Н., Зорчец Т., *Марковска С.* (2003). **Биофидбек - принципи и апликација во педијатријата,** III Педијатриски Конгрес на Македонија со интернационално учество, Зборник на абстракти и трудови, стр. 230, Септ. 9 - 13.
7. Pop-Jordanov J., Markovska N., Pop-Jordanova N., Simoska S. (2004). **Occupational Entropy and Mind Indicators for Sustainable Energy Development**: *International Journal of Green Energy* Vol. 1, No. 3, pp. 327-335.
8. Pop-Jordanova N., *Markovska-Simoska S*., Kocubovski M. (2004) **Neurofeedback and peripheral**
9. **biofeedback study of children exposed to lead emissions**, E-ISNR 2-nd Annual Meeting Abstracts, Winterthur, Switzerland, 24-28 February.

10. Pop-Jordanova N., *Markovska-Simoska S.*, Zorcec T. (2005). **Neurofeedback treatment of children with attention deficit hyperactivity disorder**, *Prilozi, Sec. Biol. Med. Sci., MASA*, XXVI, I, p.71-80.

11. *Марковска С.*, Кочубовски М., Поп-Јорданова Н. (2005). **Психофизиолошка проценка на група деца изложени на емисија на олово во Велес**, *Проблеми на хигиената*, том XXVI, број 1, стр. 26-29.

12. Pop-Jordanova N., Markovska-Simoska S., Zorcec T., Demerdzieva A., Krsteva I., (2005). **Comparison of clinical results of EDR and EEG biofeedback for childhood and adolescent disorders.** Society of Applied Neuroscience – Proceedings of the Scientific Programme, 31st August – 2nd September, Istanbul, Turkey.

13. Pop-Jordanova N., Bazanova O., Georgiev D., Kondratenko A., Kondratenko O., *Markovska-Simoska S.*, Mernaya J. (2006). **Simultaneous EEG and EMG biofeedback for peak performance in musicians.** Proceedings of Inaugural meeting of the SAN in association with the EU cooperation in science and technology (COST) B27, Swansea University, Wales, UK, p.23.

14. *Markovska-Simoska S.*, Pop-Jordanova N., (2007) "**Neurofeedback in the diagnosis and treatment of ADHD children"**, Proceedings of the 11th International Biofeedback Conference in *Applied Psychophysiol. Biofeedback*, 32: 214-215, Berlin, Germany, Feb.27-March 3.

15. Pop-Jordanova N., Georgiev D., Zorcec T., *Markovska-Simoska S.*, (2007), **The effects of PAT, HRV and EDR biofeedback training on cognitive performance in children**. In proceedings of the Neuroscience today: neuronal functional diversity and collective behaviors, Florence, 26-28 March, p. 20.

16. Pop-Jordanova N., Muller A., Zorcec T., *Markovska-Simoska S.*, (2007). **Q-EEG subtypes of Macedonian ADHD children**, Oral and poster presentation at the scientific meeting "Applied neuroscience for healthy brain function", Nijmegen, Netherlands, May 17-20, Book of abstracts, p.60.

17. Fetaji, B., Pop-Jordanova, N., Zorcec, T. & *Markovska, S.* (2007). **Measuring E-learning Effectiveness Through Testing E-content and Attention Correlation**. In G. Richards (Ed.), Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (pp. 293-298). Chesapeake, VA: AACE.

18. Markovska-Simoska S., Zorcec T., Kocubovski M., Pop-Jordanova N. (2007). **Influence of lead on some specific neuro-psychophysiologcal parameters in children from Veles**, In the proceedings of the IVth Congress of the Macedonian Pediatric Association with International Participation, p. 107, Ohrid, 18-22

September.

19. Demerdzieva A., Pop-Jordanova N., Markovska-Simoska S., Bazanova O., (2007). **Effects of individual alpha enhancement and EMG decreasing protocol in treatment of patient with tics, hyperactivity and lack of concentration (Case report)**. Electric brain oscillations along a life-span. ENOC-COST B27, MC and WG meetings, Goettingen, 11-14 October, Book of abstracts, p. 7.

20. Markovska-Simoska S. (2007). **Biofidbek metodologii vo Makedonija – nau~ni i klini~ki postigawa**. Zbornik na trudovi od Prvata makedonska konferencija za medicinska fizika i biomedicinski in`enering, 23-24 noemvri, Skopje, str. 110-115.

21. Markovska-Simoska S., Pop-Jordanova N., Pop-Jordanov J. (2007). **New perspectives of brain-rate paramete**r. Proceedings of the NeuroMarh Workshop and WG Meeting, Rome, December 2-5, 2007, p.91-92.

22. Demerdzieva A., Pop-Jordanova N., Markovska-Simoska S. (2007). **Treatment of stuttering in childhood**. *Epilepsy* (The Journal of the Ligue Against Epilepsy of Republic of Macedonia), June, 69-77.

23. Markovska-Simoska S., Pop-Jordanova N., Georgiev D. (2008). **Simoultaneous EEG and EMG Biofeedback for Peak performance in Musicians**, *Prilozi, Sec. Biol. Med. Sci., MASA*, XXIX, 1, p. 239-252.

24. Gjoneska B., Pop-Jordanova N., Markovska-Simoska S.(2008). **Neuroinformatics: Application of QEEG in Pediatric Research and Practice.** In proceedings of the 6th International Conference for Informatics and Information Technologies, Bitola, 10th -14th February, p. 51-53.

25. **Electric Neuronal Oscillations and Cognition - Progress Report**, J. Pop-Jordanov/Presented by S. Markovska–Simoska, EU/ESF COST, DC/BMBS Meeting, Berlin, 3-8 March, 2008**.**

26. Марковска-Симоска С., (2008). **Периферен и централен биофидбек - принципи и клинички постигања,** *Physioacta*, Vol.2, 1, p. 89-100.

27. Markovska-Simoska S., Gjoneska B., Tomovski I., Pop-Jordanov J. (2008). **Analysis of QEEG spectrum-weighted frequency (Brain-rate) for visual and emotional CPT**, Proceedings of the 2nd meeting for Society for Applied Neuroscience (SAN) in collaboration with COST B27 Electric Neuronal Oscillations and Cognition, in *Revista Espanola de Neuropsicologia*, Volumen 10:1, Seville, 7th – 11th May, p. 129.

28. Markovska-Simoska S., Meier N. (2008). **ERP's components of emotional CPT and visual CPT in ADHD adults and controls**, Proceedings of the 2nd meeting for Society for Applied Neuroscience (SAN) in collaboration with COST B27 Electric Neuronal Oscillations and Cognition, in *Revista Espanola de Neuropsicologia*, Volumen 10:1, Seville, 7th – 11th May, p. 51.

29. Markovska-Simoska S. (2008). **Neuro-COST Actions related to fMRI with Macedonian Participation**, Proceedings of the First International Seminar for Magnetic Resonance Imaging in the Republic of Macedonia, Ohrid, 27-30 August, p. 29.

30. Markovska-Simoska S., Meier N. (2008). **The study of attention in adults using event related EEG components,** Proceedings of the 1st Conference and Joint Working Group Meeting of EU/ESF COST Action BM0605: Counsciousness: A Transdisciplinary, Integrated Approach, Gent, 20-21 November, p. 21.

31. Markovska-Simoska S., Pop-Jordanova N. (2009). **Comparison of visual and emotional continuous performance tests performances related to sequence of presentation, gender and age**. *Prilozi, Sec. Biol. Med. Sci., MASA,* XXX, 1, p.167-178. PMID: 19736539

32. Gjoneska B., Markovska-Simoska S., Zorcec T. (2009). **Some Specific QEEG Applications Related to Neurocognitive Dysfunctions.** In Proceedings from Advanced workshop 'Consciousness and Its Descriptors' in the framework of COST B27, 28-29 March, 2009, Crotone, p. 23.

33. Markovska-Simoska S., Pop-Jordanova N., Demerdzieva A. (2009). **Comparison of visual and emotional continuous performance tests performances related to sequence of presentation, gender and age,** In Proceedings from Joint SAN/COST B27 Training Schools on Neurofeedback and ADHD & International course and conference MIND AND BRAIN VI: Neuroplasticity of Brain and Behavior, April 16-21, 2009, Dubrovnik, Croatia, p.23.

34. Demerdzieva A., Pop-Jordanova N., Markovska-Simoska S. (2009). **QEEG assessment in anorectic patients,** In Proceedings from Joint SAN/COST B27 Training Schools on Neurofeedback and ADHD & International course and conference MIND AND BRAIN VI: Neuroplasticity of Brain and Behavior, April 16-21, 2009, Dubrovnik, Croatia, p.21.

35. Markovska-Simoska S., Pop-Jordanova N., Gjoneska B., Demerdzieva A. (2009). **Behavioral parameters for ADHD and normal adults during face recognition and identification of facial emotions**, Proceedings of Final ENOC Meeting "Electrical brain oscillations – linking basic and clinical research", Zürich, 15-16

May, p. 9.

36. **Consciousness - Progress Report**, A. Cleermans/ Presented by S. Markovska–Simoska, "Electrical brain oscillations – linking basic and clinical research", Zürich, 15-16 May.

37. Markovska-Simoska S., Frcovski S., Atanasovski M. (2009). **Evaluation of efficacy of biofeedback, neurofeedback and QEEG assessment in polygraph testing,** In proceedings of the ESF-COST High-Level Research Conference: Law and Neuroscience, 26-31 October, Acquafredda di Maratea, Italy.

38. Markovska-Simoska S., Pop-Jordanova N., Pop-Jordanov J. (2009). **Brain rate parameter as a measure of the level of consciousness in ADHD adults,** In proceedings of the co-joint meeting of COST Actions BM0605 & BM0601: Counsciousness and it's measures, Limassol, Cyprus, 29 Nov. – 01 Dec., p. 82-83.

39. Gjoneska B., Markovska-Simoska S., Kandikjan A. (2010). **Assessment of the brain rate parameter in three protocol dependant groups of epileptic patients,** In proceedings of the Workshop of the NeuroMath COST Action BM0601: "Neurodynamic insight into functional connectivity, cognition and consciousness", Dubrovnik, Croatia, 27 – 28 March, also in *Front. Neurosci*. doi: 10.3389/conf.fnins.2010.05.00021.

40. Марковска-Симоска С. (2010). **Уметничка креативност и неурофидбек модификации на мозочната активност.** *Physioacta*, Vol.4 (1), p.157-165.

41. Markovska-Simoska S., Pop-Jordanova N. (2010). **Face and emotion recognition by ADHD and normal adults**, *Acta Neuropsychologica,* Vol. 8, No. 2, 99-122. ICID: 932769

42. Markovska-Simoska S., Pop-Jordanova N. (2010). **Quantitative EEG Characteristics of Attention Deficit Hyperactivity Disorder in Adults**, *Macedonian Journal of Medical Sciences,* Dec 15; 3(4):368-377. doi: 10.3889/MJMS, 1857-5773.2010.0124.

43. Markovska-Simoska S., Pop-Jordanova N. (2011). **Quantitative EEG spectrum-weighted frequency (brain rate) distribution in adults with attention deficit hyperactivity disorder**, *CNS Spectrums,* 16:5, 579-583. PMID: 21543016

44. Mancevska S., Markovska-Simoska S., Nikolic S., Pluncevic-Gligoroska J., Pop-Jordanova N. (2011). **Neuropsychological performance in basket-ball players**, Proceedings of Society of Applied Neuroscience Meeting, 6-8 May, Thessaloniki, Greece, p.99.

45. Tenev A., Markovska-Simoska S., Kocarev L., Pop-Jordanov J. (2011). **Application of machine learning techniques for classification of ADHD and Control adults,** Proceedings of Society of Applied Neuroscience Meeting, 6-8 May, Thessaloniki, Greece, p.73.

46. Ermutlu N., Eskikurt G., Markovska Simoska S., Pop Jordanova N., Isoglu Alkac Ü., Karamürsel S. (2011). **EEG power spectra in Mental, Cold and Combined Stresses,** Turkish - FEPS Physiology Congress, Istanbul, 3-7 September, *Acta Physiologica 2011***;** Volume 203, Supplement 686 :PC160

47. Markovska-Simoska S. (2011). **Neuropsychological and neurophysiological aspects of ADHD,** In the proceedings of the Vth Congress of the Macedonian Pediatric Association with International Participation, p.394-395, Ohrid, 05-09 October.

48. Markovska-Simoska S., Pop-Jordanova N., (2012). **QEEG subtypization and QEEG spectrum weighted frequency in adults with attention deficit hyperactivity disorder**, Book of abstracts at the 5th Congress of the Neurologists with International participation, Ohrid, p.55, 14-16 June.

49. Markovska-Simoska S., Markovska N., Pop-Jordanova N. (2012). **Organizational attention deficit as sustainability indicator: assessment and management**, Book of abstract of the 7th Conference on Sustainable development of energy, water and environment systems, July 1 - 7, Ohrid, Republic of Macedonia, p. 255-256, SDWS2012.0594

50. Markovska-Simoska S., Pop-Jordanova N., Müller A., Candrian G. (2012). **Comparison of ERP independent components between four QEEG subtypes in a group of ADHD adults,** Proceedings of the XVI World Congress of Psychophysiology, Sept. 13-17, Pisa, Italy in *International Journal of Psychophysiology*, 85, p. 422, doi:10.1016/j.ijpsycho.2012.07.151

51. Markovska-Simoska S. (2012). **Neuropsychological and neurophysiological endophenotypes of attention deficit hyperactivity disorder,** Conference on Novel Methods in Developmental Research, Uppsala Child and Baby Lab, 1-2 October, Uppsala, Sweden.

52. Tenev A., Markovska-Simoska S., Kocarev L., Pop-Jordanov J. (2013). **Machine learning approach for classification of ADHD adults,** *International Journal of Psychophysiology* DOI information: 10.1016/j.ijpsycho.2013.01.008.

53. Koceski S., Markovska-Simoska S., Pop-Jordanova N. (2013) **Using the Brain-Rate as a Preliminary Indicator of General Mental**

Activation in Cognitive Neurorehabilitation of TBI Patients, *Converging Clinical and Engineering Research on Neurorehabilitation Biosystems & Biorobotics* Volume 1, 2013, pp 659-663.

54. Pop-Jordanova N., Markovska-Simoska S., Filev G., Pop-Jordanov J. (2013). **The need for regular screening of postpartum depression,** *Prilozi, Sec. Biol. Med. Sci., MASA* (in print).

55. Pop-Jordanova N., Markovska-Simoska S., Isoglu-Alkac U., Karamursel S., Ermutlu N., Eskikurt G. (2013). **Multicentre spectral EEG analysis in ADHD subgroups,** *International Journal of Neuroscience* (submitted).

56. Pop-Jordanova N., Radojkova-Nikolovska V., Markovska-Simoska S. (2013). **Perceived stress in dental praxis**, *Prilozi, Sec. Biol. Med. Sci., MASA* (submitted).

57. Markovska-Simoska S., Pop-Jordanova N. (2013). **EEG power spectra and ERPs characterisrics in female with ADHD**, Vth Macedonian Psychiatric Congress and International Meeting, 22-26 May, Ohrid, Macedonia.

58. Pop-Jordanova N., Markovska-Simoska S., (2013). **Postpartum depression in Macedonian women,** Vth Macedonian Psychiatric Congress and International Meeting, 22-26 May, Ohrid, Macedonia.

59. Pop-Jordanova N., Markovska-Simoska S., (2013). **Biofeedback as a helpful tool for children with disabilities**, Modern aspects of the special education and rehabilitation of persons with disabilities, 17-19 October, Ohrid, Macedonia.

60. Markovska-Simoska S., **Need of new effective interventions in the assessment and treatment of autistic spectrum disorders in the Republic of Macedonia**, Прв симпозиум за первазивни развојни нарушувања, „Научните достигања во функција на практиката“, 15-17 мај 2014 год., Струга, Македонија.

61. Dinkovski V., Markovska-Simoska S., **Brain drain as a function of sustainable development in the Republic of Macedonia**, Conference paper, SEE SDEWES Ohrid 2014, 29 June - 3 July, 2014, Ohrid, Macedonia.

62. Kamberi G., Markovska-Simoska S., Kamberi B., **Neuroeconomics of unsustainable food consumption behavior**, Conference paper, SEE SDEWES Ohrid 2014, 29 June - 3 July, 2014, Ohrid, Macedonia.

63. Markovska-Simoska S., Pop-Jordanova N., **Correlation between some personal characteristics with QEEG (case report)**, *Medicus* 2014, Vol. 19 (3): 543 -547.

64. Markovska-Simoska S., Pop-Jordanova N., **Neurofeedback as new approach in the management of ASD,** COST ESSEA Conference,

September 11-12, 2014, Toulouse, France.

65. Erica Salomone, ….Pop-Jordanova N., Markovska-Simoska S., …et al., **Survey of Service Provision for Young Children with Autism Spectrum Disorders (ASD) across Europe**, COST ESSEA Conference, September 11-12, 2014, Toulouse, France. (submitted for *Autism: The International Journal of Research and Practice*).

66. Fletcher-Watson S., … Markovska-Simoska S., **What does the autism community across Europe think about early autism research? An exploration of public attitudes to research ethics,** COST ESSEA Conference, September 11-12, 2014, Toulouse, France.

67. Markovska-Simoska S., Pop-Jordanova N., **Differences in EEG relative power spectra between children and adults with ADHD**, I Macedonian Conference on Child and Adolescent Psychiatry with International Participation "Developmental Psychopathology: Challenges and Opportunities", 16-18 October, 2014, Ohrid, Macedonia.

68. Pop-Jordanova N., Raleva M., Demerdzieva A., Filipovska A., Manusheva N., Markovska-Simoska S. **Cranial electrical stimulation or mitigation of some mental problems in adolescents,** I Macedonian Conference on Child and Adolescent Psychiatry with International Participation "Developmental Psychopathology: Challenges and Opportunities", 16-18 October, 2014, Ohrid, Macedonia.

69. Markovska-Simoska S., Pop-Jordanova N. **Neuropsychological profile of ADHD adults using ANT testing**, International conference on theory and practice in psychology, 30 October – 1 November, 2014, Skopje, Macedonia.

70. Markovska-Simoska S., Pop-Jordanova N. Bajraktarov S., **Our Experiences with the Use of Cranial Electrical Stimulation and Repetitive Transcranial Magnetic Stimulation as Add-On Treatment**, COST EMF-MED, Workshop on EMF interactions with excitable tissues, March, 2015, Madrid, Spain.

71. Markovska-Simoska S., Pop-Jordanova N., **Quantitative EEG in children and adults with attention deficit hyperactivity disorder: comparison of absolute and relative power spectra and theta/beta ratio**, *Clinical EEG and Neuroscience* (under revision).

72. Fletcher-Watson S., … Markovska-Simoska S.,…et al., **Use of early intervention for young children with autism spectrum disorder across Europe,** *Autism* 1362361315577218, first published on April 27, 2015 doi:10.1177/1362361315577218.

73. Markovska-Simoska S., **Independent Components of Event Related Potentials: Differences between Children and Adults with ADHD,** Book of abstracts, Symposium "Current Application of

Psychophysiological Methods", 15 May, Skopje, Macedonia.

74. Markovska-Simoska S., Frcovski S., Atanasovski M., **Forensic psychophysiology: evaluation of physiological parameters during polygraph examinations**, Book of abstracts, Symposium "Current Application of Psychophysiological Methods", 15 May, Skopje, Macedonia.
75. Н. Манушева, С. Арсова, С. Марковска, Н. Поп-Јорданова, С. Бајрактаров, Е. Мицева-Величкоска - **Психофизиолошки промени кај анксиозни состојби**, Меѓународна психијатриска конференција „Стрес и анксиозни растројства низ различни животни фази", 29-31 октомври, 2015, Охрид, Македонија.
76. С. Марковска-Симоска, Н. Поп-Јорданова, Н. Манушева, М. Ралева - **Биофидбек за проценка и третман на стрес**, Меѓународна психијатриска конференција „Стрес и анксиозни растројства низ различни животни фази"29-31 октомври, 2015, Охрид, Македонија.

77. Fletcher-Watson, Sue, … Markovska-Simoska S., … et al. **Attitudes of the autism community to early autism research**. *Autism* (2016): 1362361315626577. (IF 3.639)

78. Markovska-Simoska, S., Pop-Jordanova N., and Pop-Jordanov J. **Analysis of independent components of cognitive event related potentials in a group of ADHD adults**. *Contributions. Sec. of Med. Sci.*, 37.1 (2016): 37.

79. Manuševa, N., Arsova, S., Markovska-Simoska, S., Novotni, A., Stefanovski, B., & Raleva, M. **Mental Health Legislation and Involuntary Hospitalization in the Republic of Macedonia**. *Open Access Macedonian Journal of Medical Sciences* 4.3 (2016): 458-460.

80. Gerazov B. and Markovska-Simoska S. **EEGPY: a system for the analysis of coherence in EEG data used in the assessment of ADHD**, XI International Conference – ETAI 2016, Struga, Macedonia September 22-24, 2016.

82. Markovska-Simoska, S., Raleva M., Pop-Jordanova N.. Manusheva N. **Information processing indices analyzed through event related potentials in children with ADHD,** IVth DEAPS Congres with international participation, 13-15 May, 2016, Zlatibor, Serbia.

83. Markovska-Simoska, S., and Pop-Jordanova N. **Independent Components of Event Related Potentials: Differences between Children and Adults with ADHD**. *International Journal of Psychophysiology* 108 (2016): 132.

84. Markovska-Simoska, S., Raleva M., Filipovska A., Kitkanj Z. **Impaired Executive Functions: Comparative ERPs Study between Juvenile Offenders and ADHD Adolescents,** WPA

co-sponsored International Conference on Forensic Psychiatry "*Forensic Psychiatry and Prison Psychiatry between Medicine and Law",* 13-15 October, (2016) Ohrid, Macedonia.

85. Markovska-Simoska, S., Kitkanj Z., Raleva M., Pop-Jordanova N., Filipovska A., Manusheva N. **EEG characteristics of juvenile offenders,** WPA co-sponsored International Conference on Forensic Psychiatry "*Forensic Psychiatry and Prison Psychiatry between Medicine and Law",* 13-15 October, (2016) Ohrid, Macedonia.

86. Kitkanj Z., Markovska-Simoska, S., Raleva M., Filipovska A., Krlevska B., Spasovska B. **Need for individualizing intervention in juvenile offenders who have been imposed upon an institutional measure of referral to correctional institution or sentenced with imprisonment for children,** WPA co-sponsored International Conference on Forensic Psychiatry "*Forensic Psychiatry and Prison Psychiatry between Medicine and Law",* 13-15 October, (2016) Ohrid, Macedonia.

87. Raleva M., Filipovska A., Markovska-Simoska, S., Kitkanj Z. **Psychosocial and Neurobiological Aspects of Antisocial Behaviour, Conduct Disorder, Delinquency, and Violence in Juvenile Offenders,** WPA co-sponsored International Conference on Forensic Psychiatry "*Forensic Psychiatry and Prison Psychiatry between Medicine and Law",* 13-15 October, (2016) Ohrid, Macedonia.

88. Filipovska A., Raleva M., Markovska-Simoska, S., Kitkanj Z. **Psychological profile of adolescents with conduct disorder, perpetrators of criminal acts (juvenile offenders),** WPA co-sponsored International Conference on Forensic Psychiatry "*Forensic Psychiatry and Prison Psychiatry between Medicine and Law",* 13-15 October, (2016) Ohrid, Macedonia.

89. Manuševa, N., Novotni, A., Stefanovski, B., Arsova, S., Markovska-Simoska, S., Bajraktarov S. **Forced hospitalization and mental health reforms in our country,** WPA co-sponsored International Conference on Forensic Psychiatry "*Forensic Psychiatry and Prison Psychiatry between Medicine and Law",* 13-15 October, (2016) Ohrid, Macedonia.

90. Markovska-Simoska, S., & Pop-Jordanova, N. (2017). **Quantitative EEG in Children and Adults With Attention Deficit Hyperactivity Disorder Comparison of Absolute and Relative Power Spectra and Theta/Beta Ratio.** *Clinical EEG and Neuroscience*, 1550059416643824. (IF 1.862)

90.

INVITED LECTURES

- "Attention deficit hyperactivity disorder – diagnosis and treatment", Psychiatry Clinic, Psychiatry Residency Lectures, Skopje, 21 May, 2012.
- "Applied neuropsychological and neurophysiological methods", lectures for students at the Institute of Defectology, Skopje, 13 Nov., 2012.
- "Brain fingerprinting", Police Academy, Skopje, 22 October, 2014.
- "Stress at the workplace", Primal CPD, Porto Karas, Greece, May, 2015.
- "Functional neuromarkers of psychiatric disorders: current state and future prospects", 17 November, 2017, IV Congress of Psychiatry of Bosnia and Herzegovina, Banja Luka

REVIEWER IN

- *European Psychiatry*
- *European Child & Adolescent Psychiatry*
- *International Journal of Psychophysiology*
- *Clinical EEG and Neuroscience*
- *Neuroscience Letters*
- *Psychiatry Research*
- *Psychology and Neuroscience*
- *Annals of Brazilian Academy of Sciences*

MEMBERSHIPS

- Founder and member of the *Macedonian Society of Psychophysiology (MSP),* affiliated to IOP.
- *European network ADHD adults*
- *International Organization of Psychophysiology (IOP)*
- Member of the *Society of Applied Neuroscience (SAN)*
- *Macedonian Scientific Society for Autism (MSSA)*
- *Macedonian Association of Medical Editors (MAME) (ex Treasurer)*
- *Macedonian Psychotherapy Association*
- *Macedonian Association for Family Psychotherapy and Systemic Practice*
- Member of *International Society for Magnetic Resonance in Medicine (ISMRM)*

POSITIONS

Management Committee Member of EU/ESF COST Actions:

- ISCH1302 "Towards an EU research framework on forensic psychiatric care"
- Action BM1309: European network for innovative uses of EMFs in biomedical applications (EMF-MED)
- BM0605 "Consciousness: A Transdisciplinary, Integrated Approach"
- Action BM1004 "Enhancing the scientific study of early autism: A network to improve research, services and outcomes"
- Action TD1006:" European Network on Robotics for Neurorehabilitation"

Working Group member of EU/ESF COST Actions:

- B27 "Electric Neuronal Oscillations and Cognition"
- BM0601 "Advanced methods for the Estimation of Human Brain Activity and Connectivity (NEUROMATH)"

Program director of ADHD Training School modules, Joint SAN/COST B27 Training Schools on Neurofeedback and ADHD & International course and conference MIND AND BRAIN VI: Neuroplasticity of Brain and Behavior, April 16-21, 2009, Dubrovnik, Croatia

Practitioner subcommittee of the Meeting of Society of Applied Neuroscience, 5-8 May, 2011, Thessaloniki, Greece

Scientific committee member

- The 18th World Congress of Psychophysiology (IOP2016), August 31 - September 04, 2016, Habana, Cuba (http://iop2016.cneuro.cu/general-information/scientific-program-committee)
- The 17th World Congress of Psychophysiology (IOP2014), September 23-27, 2014, Hiroshima, Japan (http://www.iop2014.jp/index.php?Scientific%20Program%20Committee)
- I Macedonian Conference on Child and Adolescent Psychiatry with International Participation "Developmental Psychopathology: Challenges and Opportunities", 16-18 October, 2014, Ohrid, Macedonia Macedonia
- 1st South East European Conference on Sustainable Development of Energy, Water and Environment Systems, Ohrid, June, 2014

Member of Local Organizing Committee,

- WPA Co-Sponsored International Conference: "Forensic Psychiatry and Prison Psychiatry between Medicine and Law", 13-15 October 2016, Ohrid, Macedonia (http://www.pzmak.com/forensic-psychiatry-2016/)

- 7th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES), 1-7 July, 2012, Ohrid, R.

- Environment Systems - SEE SDEWES Ohrid 2014, 29 June - 3 July, 2014, Ohrid, Macedonia (http://www.ohrid2014.sdewes.org/committees.php)

Member of Congress Secretariat at the 5th Uro-oncology Winter Congress, 30 January-03 February, 2013, Skopje, Macedonia

LANGUAGES

- *English*, excellent in speaking and writing
- *German*, good in speaking and writing
- *Serbo-Croatian*, excellent in speaking and writing

COMPUTERS AND EQUIPMENT KNOWLEDGE

- special skills: Biograph Pro-Comp and ProComp Infiniti, Ltd. Canada Biofeedback Interface; Win EEG, Mitsar Ltd. Quantitative Electroencephalography; BOSLAB Multimodal Biofeedback Interface; Peak Achievement trainer, USA; Brain Inquary, Netherlands, Freeze Framer; Inner Tuner Expert System

INTERVIEWS

- 8 on Macedonian National TV
- 1 on Sitel TV
- 3 on Macedonian National radio
- 4 in daily newspapers
- 1 in weekly magazine "Globus"
- 1 in web magazine "Vrabotuvanje News"

SOCIAL SKILLS AND COMPETENCIES

- creativity
- good communication skills
- prefer team work, but also respect for the part done by each member
- responsible, hardworking, ambitious

PRIZES

- Laureate of Vita Pop-Jordanova Prize "The young scientist of the 2010 year".

OTHER ACTIVITIES

- Member of Examination committee at the State's High School competition, May, 2014

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