

PERSONAL INFORMATION

Panagiotis Emmanouil Kartsidis

 Perdika 45, 54639 Thessaloniki (Greece)

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 Skype Panos.Karts

Sex Male | Date of birth 04/11/1986 | Nationality Greek

WORK EXPERIENCE

09/2012–Present

Research Assistant

AUTH, Thessaloniki (Greece)

EEG recording and processing. Conducting research and authoring of research articles. Statistical analysis.

10/2014–Present

Instructor

CTY Greece, Thessaloniki (Greece)

Cryptology

11/2013–08/2015

Mathematical and Statistical Consulting

Neurofeedback Center of North Greece, Thessaloniki (Greece)

EEG recording and processing. Statistical analysis.

25/06/2014–15/07/2014

Teaching Assistant

CTY Greece, Thessaloniki (Greece)

Cryptology

10/2011–06/2014

Teaching Assistant

AUTH, Thessaloniki (Greece)

Undergraduate courses of "Medical Informatics I&II", "Applications of Informatics in Dentistry" at the Faculty of Health Sciences of AUTH.

EDUCATION AND TRAINING

2016–Present

PhD Candidate

AUTH, Thessaloniki (Greece)

Title: Multifeature mismatch negativity paradigm as a cognitive assessment index for special populations

2011–2014

Medical Informatics MSc

Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki (Greece)

2004–2010

Mathematics BSc

School of Mathematics, Aristotle University of Thessaloniki, Thessaloniki (Greece)

PERSONAL SKILLS

Mother tongue(s) Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate of Proficiency in English - University of Michigan					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

Elected student representative of Medical Computer Science MSc, Faculty of Health Sciences, AUTH at the managing council of the MSc program.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Very good knowledge of Matlab, Mathematica, SPSS, EEG/MEG analysis software (FieldTrip, EEGLAB, sLORETA/eLORETA), Microsoft Office. Good knowledge of C/C++, SQL, PHP.

Other skills

Military service duty completed

Driving licence

B

ADDITIONAL INFORMATION

Publications

-Alexandra Anagnostopoulou, Chrysa Karali, Charis Styliadis, Panagiotis Kartsidis, Evangelos Paraskevopoulos, Vicky Zilidou, Maria Karagianni, Evangelia Romanopoulou and Panagiotis Bamidis, "Cortical reorganization in DOWN syndrome adults due to computerized physical and cognitive training: a functional connectivity resting state EEG study", 8th Hellenic Biomedical Engineering Conference 2019.

-Vasilleios Rafail Xefteris, Charis Styliadis, Panagiotis Kartsidis, Alexandra Anagnostopoulou, Evangelos Paraskevopoulos, Vasiliki Zilidou and Panagiotis Bamidis, "Neuroplastic effects of physical training in parkinson's disease patients: an EEG resting state connectivity study", 8th Hellenic Biomedical Engineering Conference 2019.

-Panagiotis Kartsidis, Chrysa Karali, Charis Styliadis, Alexandra Anagnostopoulou, Evangelos Paraskevopoulos, Vicky Zilidou, Maria Karagianni, Evangelia Romanopoulou and Panagiotis Bamidis, "Brain connectivity of MMN in DOWN syndrome changes due to cognitive and physical training", 8th Hellenic Biomedical Engineering Conference 2019.

-Paraskevopoulos, Evangelos, Nikolas Chalas, Panagiotis Kartsidis, Andreas Wollbrink, and Panagiotis Bamidis. "Statistical learning of multisensory regularities is enhanced in musicians: An MEG study." *NeuroImage* 175 (2018): 150-160.

-Paraskevopoulos, E., Chalas, N., Kartsidis, P., Bamidis., PD. (2018). Multisensory statistical learning is enhanced in musicians: an MEG study. *The International And European Societies Of Magnetoencephalography: 50 Years of MEG*. 2018. April 20-21, 2018 Poros, Greece.

-Panagiotis E. Antoniou, Dimitris Spachos, Panagiotis Kartsidis, Evdokimos I. Konstantinidis, Panagiotis D. Bamidis, *Towards Classroom Affective Analytics. Validating an Affective State Self-reporting tool for the medical classroom*, AMEE MedEdPublish, DOI: <https://doi.org/10.15694/mep.2017.000134>

-Vasiliki I. Zilidou, Evdokimos I. Konstantinidis, Evangelia D. Romanopoulou, Maria Karagianni,

Panagiotis Kartsidis, Panagiotis D. Bamidis, Investigating the effectiveness of physical training through exergames: Focus on balance and aerobic protocols, TISHW 2016 - 1st International Conference on Technology and Innovation in Sports, Health and Wellbeing, Proceedings, DOI: 10.1109/TISHW.2016.7847786

-Alkinoos Athanasiou, Ioannis Xygonakis, Niki Pandria, Panagiotis Kartsidis, George Arfaras, Kyriaki Rafailia Kavazidi, Nicolas Foroglou, Alexander Astaras, Panagiotis D. Bamidis, Towards Rehabilitation Robotics: Off-the-Shelf BCI Control of Anthropomorphic Robotic Arms, Journal: BioMed Research International, DOI: 10.1155/2017/5708937

-Alkinoos Athanasiou, George Arfaras, Ioannis Xygonakis, Panagiotis Kartsidis, Niki Pandria, Kyriaki Rafailia Kavazidi, Alexander Astaras, Nicolas Foroglou, Konstantinos Polyzoidis, Panagiotis D. Bamidis, Commercial BCI Control and Functional Brain Networks in Spinal Cord Injury: A Proof-of-Concept, 2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS), DOI: 10.1109/CBMS.2017.35

-Arfaras George, Athanasiou Alkinoos, Pandria Niki, Kavazidi Kyriaki Rafailia, Kartsidis Panagiotis, Astaras Alexander, Bamidis Panagiotis D., Visual Versus Kinesthetic Motor Imagery for BCI Control of Robotic Arms (Mercury 2.0), 2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS), 10.1109/CBMS.2017.34

-Styliani Siouli, Ioanna Dratsiou, Melpomeni Tsitouridou, Panagiotis Kartsidis, Dimitris Spachos, Panagiotis D. Bamidis, Evaluating the AffectLecture Mobile App within an Elementary School Class Teaching Process, 2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS), DOI: 10.1109/CBMS.2017.56

-Antoniou PE, Kartsidis P, Xefferis S, Arfaras G, Konstantinidis E and Bamidis PD (2016). Towards medical education neuroscience: pilot results of integrative affective analytics from clinical skills workshops. Front. Hum. Neurosci. Conference Abstract: SAN2016 Meeting. doi: 10.3389/conf.fnhum.2016.220.00035

-Xefferis, S., Konstantinidis, E., Billis, A. S., Antoniou, P. E., Styliadis, C., Paraskevopoulos, E., Kartsidis, P. E., Frantzidis, C. A., & Bamidis, P. D. (2017). Early Detection of Dementia: Advances, Challenges, and Future Prospects. In J. Wu (Ed.), Improving the Quality of Life for Dementia Patients through Progressive Detection, Treatment, and Care (pp. 74-106). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-0925-7.ch004

-Billis, A.S. Kartsidis, P. Garyfallos, D.-K.G. Tsatali, M.S. Karagianni, M. Bamidis, P.D. , Ecologically valid trials of elderly unobtrusive monitoring: Analysis and first results, CEUR Workshop Proceedings

-P. Kartsidis , C. Styliadis , M. Karagianni , V. Zilidou , E. Konstantinidis , Z. Katsarou , S. Bostantjopoulou , L. J. Hadjileontiadis , and P.D. Bamidis1, NEUROPROTECTIVE EFFECTS OF PHYSICAL ACTIVITY IN PARKINSON'S DISEASE: A RESTING STATE EEG STUDY ON THE webFitForAll EFFICACY , 7th Hellenic Biomedical Engineering Conference 2016.

-G. Arfaras, P. Kartsidis, A. Athanasiou, A. Astaras and P. D. Bamidis, MERCURY 2.0: NON-INVASIVE BCI-CONTROLLED ROBOTIC ARMS, 7th Hellenic Biomedical Engineering Conference 2016

-Styliadis, C., Kartsidis, P., & Paraskevopoulos, E. (2015). Neuroimaging approaches for elderly studies. In P. D. Bamidis, I. Tarnanas, L. Hadjileontiadis, & M. Tsolaki (Eds.), Innovations in the Diagnosis and Treatment of Dementia. IGI Global. [Doi: 10.4018/978-1-4666-8234-4](https://doi.org/10.4018/978-1-4666-8234-4); ISBN13: 9781466682344

-Styliadis C, Kartsidis P, Paraskevopoulos E, Ioannides AA, Bamidis PD. Neuroplastic Effects of Combined Computerized Physical and Cognitive Training in Elderly Individuals at Risk for Dementia: An eLORETA Controlled Study on Resting States. Neural plasticity. 2015 Apr 7;2015.

-Billis AS, Kartsidis P, Garyfallos DK, Tsatali MS, Karagianni M, Bamidis PD. Ecologically valid trials of elderly unobtrusive monitoring: analysis and first results. In 4th International Workshop on Artificial Intelligence and Assistive Medicine (Pavia, Italy, 2015) 2015 (pp. 32-41)

-Moustakas N, Kartsidis P, Athanasiou A, Astaras A, Bamidis PD. Development of MERCURY version 2.0 robotic arms for rehabilitation applications. In Proceedings of the 8th ACM International Conference on Pervasive Technologies Related to Assistive Environments 2015 Jul 1 (p. 17). ACM

-Papadopoulos P, Paschalidis I, Zarotiadou A, Karapiperidis G, Papadopoulos O, Kartsidis P. 3D: Deter Dion's Disaster": Development of a 3D video game for environmental education, 2nd International Conference on Medical Education Informatics – MEI 2015, Thessaloniki, Greece

-Kartsidis P, Moustakas N, Athanasiou A, Astaras A, Bamidis PD. Comparative analysis of perceived psychometric characteristics: pilot study of the "Mercury" 6-degree of freedom robotic arm.

-Astaras A, Athanasiou A, Alexandrou A, Kartsidis P, Moustakas N, Bamidis PD. DOUBLE-BLIND GREEK TRANSLATION AND ONLINE IMPLEMENTATION OF THE GODSPEED ROBOTICS

QUESTIONNAIRE, 6th Hellenic Biomedical Engineering Conference 2015.

-Kartsidis, P. et al. "Perceived psychometric characteristics of the "MERCURY" prototype robotic arm for rehabilitation applications", ECESCON 7

-Moustakas, N., et al. "Development and User Assessment of a Body-Machine Interface for a Hybrid-Controlled 6-Degree of Freedom Robotic Arm (MERCURY)."XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013. Springer International Publishing, 2014.

-Π. Καρτσίδης, Η διδασκαλία της κρυπτολογίας σε παιδιά με εξαιρετικές ακαδημαϊκές δεξιότητες, Συνέδριο ΕΕΦ "ΑΝΑΚΑΛΥΠΤΙΚΗ ΜΑΘΗΣΗ ΣΤΗΝ ΕΚΠΑΙΔΕΥΤΙΚΗ ΠΡΑΞΗ", Κομοτηνή, 2014

-P. Kartsidis, G. Matralis, E. Spiridonou, C. Chatzisevastou, P. Bamidis, A. Astaras, Smart Cot: Unobtrusive sleep monitoring of infants with wireless tele-alerting capability (MAIA), 5th Hellenic Biomedical Engineering Conference 2013

- Conferences**
- 1st mBrainTrain Workshop, Belgrade, 30 September – 1 October 2019
 - 8th Hellenic Biomedical Engineering Conference, Athens, 10-11 May 2019
 - Computational Brain Connectivity Mapping winter school, Juan Les Pins 20-24 November 2017
 - 7th Hellenic Biomedical Engineering Conference, Athens, 7 April 2017
 - 6th Hellenic Biomedical Engineering Conference, Athens 6-8 May 2015
 - SAN 2016, Κέρκυρα, 6-9/10/2016
 - Euromath 2016, Θεσσαλονίκη, 3/3 - 5/4 2016
 - 32ο Συνέδριο μαθηματικής παιδείας, Καστοριά, 31/10-1/11 2015
 - 2nd Medical Education Informatics International Conference 2015, Thessaloniki 17-18 June
 - 9ο Πανελλήνιο συνέδριο καθηγητών πληροφορικής, Καστοριά, 24-25 Απριλίου 2015
 - Ανακαλυπτική Μάθηση στην Εκπαιδευτική Πράξη, Scientix, Κομοτηνή 28-29 Νοεμβρίου 2014
 - 31ο Συνέδριο μαθηματικής παιδείας, Βέροια, 7-9 Νοεμβρίου 2014
 - 7th Electrical and Computer Engineering Student Conference, Thessaloniki 11-14 April 2014
 - 5th Hellenic Biomedical Engineering Conference, Athens 4-6 April 2013
 - 1st International Spring School on Medical Education, Thessaloniki 4-5 April 2012
 - Medical Education Informatics International Conference 2012, Thessaloniki 6-7 April 2012
- Seminars**
- GDPR in research, Thessaloniki, Greece, 4/11/2019
 - GDPR in University operations, Thessaloniki, Greece, 21/2/2019
 - Patenting research results, Patras, Greece 27/11/2012
- Memberships**
- Hellenic Society for Biomedical Engineering 2013 - today
 - Makers Society, ICT, Thessaloniki 2013 - today
 - PA.T. chess club, Triandria, Thessaloniki 2005 - today