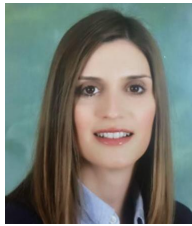


PERSONAL INFORMATION

Niki Pandria



 Dodonis 9, Neapoli, 56728 Thessaloniki (Greece)

 (+30)6949914875

 npandria@gmail.com

WORK EXPERIENCE

03/10/2011–31/05/2012

Mathematician

"Kyttaro Neapolis"

Panagi Tsaldari 14, Neapoli, 56728 Thessaloniki (Greece)

Business or sector Education

01/10/2012–31/05/2013

Mathematician

"Kyttaro Theorias kai Praksis"

Panagi Tsaldari 14, Neapoli, 56728 Thessaloniki (Greece)

Business or sector Education

01/09/2013–Present

Research Associate

Lab of Medical Physics, School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki (AUTH), Thessaloniki (Greece)

01/01/2016–30/09/2016

External Partner

Klados Manousos KAI SIA E.E, Thessaloniki (Greece)

■ Neurofeedback

01/10/2016–31/12/2016

External partner

Klados Manousos KAI SIA E.E, Thessaloniki (Greece)

■ Neurofeedback

EDUCATION AND TRAINING

2007–2011

Degree in Mathematics

School of Mathematics, Faculty of Sciences, Aristotle University of Thessaloniki (AUTH), Thessaloniki (Greece)

2011–2013

Master degree in Statistics and Modelling

School of Mathematics, Faculty of Sciences, Aristotle University of Thessaloniki (AUTH), Thessaloniki (Greece)

2016–Present

PhD student

Lab of Medical Physics, School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki (AUTH), Thessaloniki (Greece)

09/2018–Present **Undergraduate student in School of Medicine (2nd in Entrance Examination)**
 School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki (AUTH), 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
University of Cambridge, Business Language Testing Services (BULATS), επίπεδο C2					
French	B2	B2	B2	B2	B1
Diplôme d'études en langue française (DEL F I,II,III&IV), επίπεδο B2					

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

Communication skills

- Excellent communication skills with children and adolescents acquired as a Mathe teacher in Secondary Education.
- Excellent communication skills with adults acquired both from lectures in postgraduate courses as well as from clinical practice in Neurofeedback

Organisational / managerial skills

- Excellent organizational skills gained from my involvement in research programs.

Job-related skills

- IBM SPSS (Statistical Package for the Social Sciences)
- MATLAB

Digital skills

" Certified Computer User " of ACTA (Aristotle Certification Training & Assessment)

Driving licence B

ADDITIONAL INFORMATION

Certifications

- Certified Neurofeedback Therapist I.F.E.N (Institut für EEG Neurofeedback IFEN) <http://www.neurofeedback-info.de/en/>
- Basic Life Support (BLS) Provider

Μετεκπαίδευση

- Institut für EEG Neurofeedback (IFEN)
- (2014) Training organized by Human Brain Mapping, Tel Aviv University, Israel.
- (2014) Participation in the Educational Seminar (8 Weeks) on Elderly Care using New Technologies "Discover", Lab of Medical Physics, Aristotle University of Thessaloniki.
- (2016) Participation in Hands-on Workshop "Individualized Neurofeedback" hosted by Dr. Olga Bazanova in 6th Conference of Society of Applied Neuroscience, Corfu, Greece.
- (2016) Training program entitled "Applied Medical Statistical Methodology" organized by the Aristotle University of Thessaloniki within the framework of Lifelong Learning Program, Thessaloniki, Greece.
- (2019) FocusLocus Info Day organized by the National Center for Scientific Research "Democritus" jointly with ADHD Hellas, Athens, Greece.

Scientific papers in peer-reviewed journals

- Efstathios A. Sidiropoulos, Vasiliki I. Zilidou, Maria A. Karagianni, Lazaros I. Ioannidis, Evangelia D. Romanopoulou, Konstantina Karagiozi, **N. Pandria**, Evangelos N. Paraskevopoulos, P. Bamidis. ICT support to those providing care to elderly: pilot training activities in Greece in the realm of the DISCOVER project. In: Handbook of Research on Innovations in the Diagnosis and Treatment of Dementia (2015). (P. D. Bamidis, I. Tamasas, L. Hadjileontiadis, & M. Tsolaki, Eds.). IGI Global. doi:10.4018/978-1-4666-8234-4.
- **Pandria, N.**, Kovatsi, L., Vivas, A. B., & Bamidis, P. D. (2016). Resting-state abnormalities in heroin-dependent individuals. *Neuroscience*. <https://doi.org/10.1016/j.neuroscience.2016.11.018>
- Klados MA, **Pandria N**, Micheloyannis S, Margulies D, Bamidis PD. Math anxiety: Brain cortical network changes in anticipation of doing mathematics. *Int J Psychophysiol*. 2015. doi:10.1016/j.ijpsycho.2017.05.003.
- Athanasiou A, Xygonakis I, **Pandria N**, et al. Towards Rehabilitation Robotics: Off-the-Shelf BCI Control of Anthropomorphic Robotic Arms. *Biomed Res Int*. 2017;2017. doi:10.1155/2017/5708937.
- **Pandria N**, Karagianni M, Paraskevopoulos E, Frantzidis CA, Bamidis PD. A SmokeFreeBrain Pilot Study investigating the role of Biofeedback Training in Smoking (2017), *International Journal of Bioelectromagnetism (in press)*.
- **Pandria N**, Athanasiou A, Bamidis PD. A novel neurofeedback case study on cervical dystonia (2017), *International Journal of Bioelectromagnetism (in press)*.
- Klados MA, **Pandria N**, Athanasiou A, Bamidis PD. A novel neurofeedback protocol for memory deficits induced by left temporal lobe injury (2017). *International Journal of Bioelectromagnetism (in press)*.
- Athanasiou A, Klados MA, **Pandria N**, et al. A Systematic Review of Investigations into Functional Brain Connectivity Following Spinal Cord Injury (2017). *Front Hum Neurosci*. 2017;11. doi:10.3389/fnhum.2017.00517.
- Athanasiou A, Arfaras G, **Pandria N**, Xygonakis I, Foroglou N, Astaras A, Bamidis PD. Wireless brain-robot interface: user perception and performance assessment of spinal cord injury patients (2018), *Wireless Communication and Mobile Computing*, 2018: 2986423 (<http://dx.doi.org/10.1155/2018/2986423>)
- **Pandria, N.**, Athanasiou, A., Terzopoulos, N., Paraskevopoulos, E., Karagianni, M., Styliadis, C., et al. Exploring the Neuroplastic Effects of Biofeedback Training on Smokers (2018). *Behav. Neurol*. 2018, 1–19. doi:10.1155/2018/4876287.
- Xygonakis, I., Athanasiou, A., **Pandria, N.**, Kugiumtzis, D., and Bamidis, P. D. Decoding Motor Imagery through Common Spatial Pattern Filters at the EEG Source Space (2018). *Comput. Intell. Neurosci*. 2018, 1–10. doi:10.1155/2018/7957408.
- Klados, M. A., Paraskevopoulos, E., **Pandria, N.**, and Bamidis, P. D. The impact of math anxiety on working memory: A cortical activations and cortical functional connectivity EEG study (2019). *IEEE Access*, 1–1. doi:10.1109/ACCESS.2019.2892808.

Publications in Conference Proceedings

- **N. Pandria**, L. Kovatsi, P.D. Bamidis. Functional, Structural and Topological Resting-State Alterations in Heroin-Dependent Individuals. Conference Abstract: SAN2014 Meeting.
- **N. Pandria** and D. Kugiumtzis. TESTING THE CORRELATION OF TIME SERIES USING DYNAMIC TIME WARPING. In *27o Panhellenic Conference of Statistics*.
- **N. Pandria**, L. Kovatsi, P.D. Bamidis. Functional, Structural and Topological Resting-State Alterations in Heroin-Dependent Individuals (Revised Version I). In *the 1st Human Brain Project Education Workshop on New Frontiers in Neuroscience and Methods of Transdisciplinary Education*.
- **Pandria N**, Spachos D, Bamidis PD. The future of mobile health ADHD applications: Projecting WHAAM application on future mobile health. In: *Proceedings of 2015 International Conference on Interactive Mobile Communication Technologies and Learning, IMCL 2015*. ; 2015. doi:10.1109/IMCTL.2015.7359603.
- **Pandria N**, Spachos D, Pattichi M, Bamidis PD. A mobile-friendly vocabulary for ADHD. In: *Proceedings of International Conference in Medical Education Informatics (MEI) 2015*. <http://mei2015.camei-project.eu/content/mobile-friendly-vocabulary-adhd>
- **N. Pandria** and P.D. Bamidis. Neurofeedback Training for ADHD: A case study. In: *FENS Featured Regional Meeting (2015)*.

- **Pandria N**, Spachos D, Bamidis PD. Evaluation of Neurofeedback on ADHD Using Mobile Health Technologies. In: ; 2016:1292-1296. doi:10.1007/978-3-319-32703-7_247.
- **Pandria N.**, Tsatali M. and Bamidis P. D. (2016). Neurofeedback implementation in subjective attention deficits accompanied with depressive symptoms: a case study. *Front. Hum. Neurosci. Conference Abstract: SAN2016 Meeting*. doi: 10.3389/conf.fnhum.2016.220.00107
- **Pandria N.**, Karagianni M., Frantzidis C. and Bamidis P.D. (2016). Exploring the Efficacy of Biofeedback Training in Smoking Addiction: A SFB Pilot Study. *Front. Hum. Neurosci. Conference Abstract: SAN2016 Meeting*. doi: 10.3389/conf.fnhum.2016.220.00022
- **Pandria N**, Athanasiou A, Bamidis PD. NEUROFEEDBACK INTERVENTION FOR CERVICAL DYSTONIA. In: Bamidis PD, Gkergkis V (eds.) 7th Panhellenic Conference on Biomedical Technology, Conference Program & Book of Abstracts, p 53: extended abstract.
- Klados MA, **Pandria N**, Athanasiou A, Bamidis PD. An Automatic EEG Based System for the Recognition of Math Anxiety. In: *2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS)*. IEEE; 2017:409-412. doi:10.1109/CBMS.2017.107.
- **Pandria N**, Spachos D, Athanasiou A, Bamidis PD. Assessing Emotional Impact of Biofeedback and Neurofeedback Training in Smokers During a Smoking Cessation Project. In: *2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS)*. IEEE; 2017:486-491. doi:10.1109/CBMS.2017.36.
- George A, Alkinoos A, **Niki P**, et al. Visual Versus Kinesthetic Motor Imagery for BCI Control of Robotic Arms (Mercury 2.0). In: *2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS)*. IEEE; 2017:440-445. doi:10.1109/CBMS.2017.34.
- Athanasiou, Alkinoos, George Arfaras, Ioannis Xygonakis, Panagiotis Kartsidis, **Niki Pandria**, Kyriaki Rafailia Kavazidi, Alexander Astaras, Nicolas Foroglou, Konstantinos Polyzoidis, and Panagiotis D. Bamidis. 2017. "Commercial BCI Control and Functional Brain Networks in Spinal Cord Injury: A Proof-of-Concept." In *2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS)*, 262–67. IEEE. doi:10.1109/CBMS.2017.35.
- **N. Pandria** , A. Athanasiou, G. Arfaras, P.D. Bamidis . Analyzing Data from BCI Control of Robotic Arms. In: 9th Conference of Eastern Mediterranean Region and the Italian Region of the International Biometric Society Conference, Book of Abstracts, p 146: <http://stat-athens.aueb.gr/~emribs/page/EMR2017/bookofabstracts.pdf>
- C. Frantzidis, C. Styliadis,..., (7th) **N. Pandria**,..., (24th) P.D. Bamidis. Modern smoking cessation techniques based on neuroscience: the SmokeFreeBrain program (2017). In *26th Panhellenic Pulmonary Conference*, (e-poster 18), program booklet (p. 56).
- Mouratoglou V., **Pandria N.**, Spachos D., Bamidis P.D., Systematic Monitoring of ADHD patients (2017). In 2nd Panhellenic Interdisciplinary Conference for ADHD "From childhood to adulthood".

Oral presentations in Conferences and Workshops

- **N. Pandria** and D. Kugiumtzis. TESTING THE CORRELATION OF TIME SERIES USING DYNAMIC TIME WARPING. In 27o Panhellenic Conference of Statistics.
- **Niki Pandria**. The role of neurofeedback in the treatment of Childhood disorders. In 4th Panhellenic Interdisciplinary Conference "Mental health, Technology and Telematics Applications" (2015).
- **Pandria N**, Spachos D, Bamidis PD. The future of mobile health ADHD applications: Projecting WHAAM application on future mobile health. In: Proceedings of 2015 International Conference on Interactive Mobile Communication Technologies and Learning, IMCL 2015. ; 2015. doi:10.1109/IMCTL.2015.7359603.
- **Niki Pandria**. Neurofeedback as an alternative treatment of learning disabilities and the WHAAM application in a workshop organized by the Panhellenic Association of Teachers of the French Language and Literature (ΠΑ. ΣΥ.ΓΑ).
- **Pandria N** , Spachos D, Pattichi M, Bamidis PD. A mobile-friendly vocabulary for ADHD. In: Proceedings of International Conference in Medical Education Informatics (MEI) 2015. <http://mei2015.camei-project.eu/content/mobile-friendly-vocabulary-adhd>
- **N. Pandria**, D. Spachos, P.D. Bamidis. Evaluation of Neurofeedback as intervention in ADHD using the WHAAM application. In 1st Panhellenic Interdisciplinary Conference for ADHD "From childhood to adulthood".
- **Niki Pandria**. What is neurofeedback? The role of neurofeedback in ADHD. In the WHAAM workshop held in Aristotle University Research Dissemination Center, Thessaloniki, Greece.
- **Pandria N.**, Karagianni M., Frantzidis C. and Bamidis P.D. (2016). Exploring the Efficacy of Biofeedback Training in Smoking Addiction: A SFB Pilot Study". In 6th Biennial Conference of

Society of Applied Neuroscience (SAN2016 Meeting).

- **Pandria N**, Spachos D, Bamidis PD. Evaluation of Neurofeedback on ADHD Using Mobile Health Technologies. In: XIV Mediterranean Conference on Medical and Biomedical Engineering and Computing (MEDICON 2016).
- Athanasiou, Alkinoos, George Arfaras, Ioannis Xygonakis, Panagiotis Kartsidis, **Niki Pandria**, Kyriaki Rafailia Kavazidi, Alexander Astaras, Nicolas Foroglou, Konstantinos Polyzoidis, and Panagiotis D. Bamidis. 2017. "Commercial BCI Control and Functional Brain Networks in Spinal Cord Injury: A Proof-of-Concept." In *2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS)*, 262–67. IEEE. doi:10.1109/CBMS.2017.35.
- Mouratoglou V., **Pandria N.**, Spachos D., Bamidis P.D., Systematic Monitoring of ADHD patients (2017). In 2nd Panhellenic Interdisciplinary Conference for ADHD "From childhood to adulthood".
- Niki Pandria. Neurofeedback and smoking cessation: The SmokeFreeBrain Results (2018). In: SmokeFreeBrain Final Conference, Instituto de Biomedicina de Sevilla (IBIS). Calle Antonio Maura Montaner, 41013 Sevilla (Ισπανία)
- **Niki Pandria**. Do You Still Smoke? An anti-smoking campaign organized by the 1st EPAL of Kalamaria within the framework of the Erasmus+ program "Prohealthy life style with your mobile phone".

Conference attendance

- (2009) 26th Panhellenic Conference organized by Hellenic Mathematical Society on "Mathematics as an international language of Understanding and Problem Solving", Thessaloniki, Greece.
- (2010) 27th Panhellenic Conference organized by Hellenic Mathematical Society on "Teacher of Mathematics in School, Research and Society", Chalkida, Greece.
- and future", Thessaloniki, Greece.
- (2012) 4th Week of Mathematics organized by Hellenic Mathematics Society on "Mathematical Journeys and Journey", Thessaloniki, Greece.
- (2013) 5th Week of Mathematics organized by the Hellenic Mathematical Society on "Mathematical Meetings seeking the infinite", Thessaloniki, Greece.
- (2013) Workshop on "Teaching of Mathematics and Panhellenic examination: Problems and Perspectives", organized by Greek-French School Kalamari, Thessaloniki, Greece.
- (2014) Society of Applied Neuroscience Meeting (SAN2014 Meeting), Utrecht, Holland.
- (2014) 27th Panhellenic Conference of Statistics on ANALYSIS OF LARGE DATA - ANALYSIS OF BUSINESS » ("BIG DATA ANALYSIS - BUSINESS ANALYTICS"), Thessaloniki, Greece.
- (2014) 1st Human Brain Project Education Workshop on New Frontiers in Neuroscience and Methods of Transdisciplinary Education, Tel Aviv University, Israel.
- (2014) 2014 Tübingen MEG Symposium, Tübingen, Γερμανία.
- (2014) Conference on "ADHD - a continuous challenge", Athens, Greece.
- (2015) 4th Panhellenic Interdisciplinary Conference "Mental health, Technology and Telematics Applications", Athens, Greece.
- (2015) Workshop on Web Health Application for Adhd Monitoring: WHAAM, Thessaloniki, Greece.
- (2015) 2nd International Conference on Medical Education Informatics (MEI 2015), Thessaloniki, Greece.
- (2015) FENS Featured Regional Meeting 2015, Thessaloniki, Greece.
- (2015) 1st Panhellenic Interdisciplinary Conference for ADHD "From childhood to adulthood", Athens, Greece.
- (2015) 9th International Conference on Interactive Mobile Communication Technologies and Learning (IMCL 2015), Thessaloniki, Greece.
- (2015) Workshop organized by the Panhellenic Association of Teachers of the French Language and Literature (ΠΑ. ΣΥ.ΓΑ), Thessaloniki, Greece.
- (2016) XIV Mediterranean Conference on Medical and Biomedical Engineering and Computing (MEDICON 2016), Paphos, Cyprus.
- (2016) 6th biennial conference of Society of Applied Neuroscience (SAN2016), Corfu, Greece.
- (2016) Science and exploration and related technologies: ESA activities and opportunities for Greek scientists and researchers, Thessaloniki, Greece.
- (2017) 2017 IEEE 30th International Symposium on Computer-Based Medical Systems,

Thessaloniki, Greece.

- (2017) 2nd Panhellenic Interdisciplinary Conference for ADHD "From childhood to adulthood", Athens, Greece.

Poster presentations in Conferences

- (2014) Poster presentation in SAN (Society of Applied Neuroscience) 2014 Meeting entitled: "**N. Pandria**, L. Kovatsi, P.D. Bamidis, Functional, Structural and Topological Resting-State Alterations in Heroin-Dependent Individuals".
- (2014) Poster presentation in 1st Human Brain Project Education Workshop on New Frontiers in Neuroscience and Methods of Transdisciplinary Education entitled: "**N. Pandria**, L. Kovatsi, P.D. Bamidis, Functional, Structural and Topological Resting-State Alterations in Heroin-Dependent Individuals" (Revised Version I), Tel Aviv University, Israel.
- (2014) Poster presentation entitled: "**N. Pandria**, L. Kovatsi, P.D. Bamidis, A review of Functional, Structural and Topological Resting-State Alterations in Heroin-Dependent Individuals" (Revised Version II) στο 2014 Tübingen MEG Symposium, Tübingen, Germany.
- (2015) Poster presentation entitled: "Neurofeedback for ADHD: A case study", **N. Pandria** and P.D. Bamidis στο FENS Featured Regional Meeting 2015, Thessaloniki, Greece.
- (2017) Poster presentation entitled: "NEUROFEEDBACK INTERVENTION FOR CERVICAL DYSTONIA", **Pandria N**, Athanasiou A, Bamidis PD, στο 7th Panhellenic Conference on Biomedical Technology, Athens, Greece.
- (2017) Poster presentation entitled: "Commercial BCI control and functional brain networks in spinal cord injury: a proof-of-concept ", Athanasiou A, Arfaras G, Xygonakis I, Kartsidis P, **Pandria N**, Kavazidi KR, Astaras A, Foroglou N, Polyzoidis K, Bamidis PD, στο 30th IEEE International Symposium on Computer-Based Medical Systems, Thessaloniki, Greece.
- (2017) Poster presentation entitled: "Visual versus kinesthetic motor imagery for BCI control of robotic arms (Mercury 2.0)", Arfaras G, Athanasiou A, **Pandria N**, Kavazidi KR, Kartsidis P, Moustakas N, Astaras A, Bamidis PD, στο 30th IEEE International Symposium on Computer-Based Medical Systems, Thessaloniki, Greece.
- (2017) Poster presentation entitled: " Assessing Emotional Impact of Biofeedback and Neurofeedback Training in Smokers During a Smoking Cessation Project", **Pandria N**, Spachos D, Athanasiou A, Bamidis PD, στο 30th IEEE International Symposium on Computer-Based Medical Systems, Thessaloniki, Greece.
- (2017) Poster presentation entitled: "An Automatic EEG Based System for the Recognition of Math Anxiety", Klados MA, **Pandria N**, Athanasiou A, Bamidis PD, στο 30th IEEE International Symposium on Computer-Based Medical Systems, Thessaloniki, Greece.
- (2018) Poster presentation entitled: " Does biofeedback training promote neuroplastic changes in smokers? A preliminary study", **N. Pandria**, A. Athanasiou, N. Terzopoulos, E. Paraskevopoulos, M. Karagianni, C. Styliadis, C. Kourtidou-Papadeli, A. Pataka, E. Lymperaki, P. D. Bamidis.

Honours and awards

- Scholarship for excellent performance in Master program curriculum of School of Mathematics.
- Student Best Poster Award for "Visual versus kinesthetic motor imagery for BCI control of robotic arms (Mercury 2.0)", presented during 30th IEEE International Symposium on Computer-Based Medical Systems (CBMS), Thessaloniki 22-24 June 2017
- Scholarship agreement (7/2018-10/2019) within the framework of the operational program "Human Resource Development, Education and Lifelong Learning" co-funded by the European Social Fund and national resources.
- Best clinical research "Zacharias Kapsalakis" 2018 Award, Hellenic Neurosurgical Society, Neural circuits of the brain and brain-computer interfaces in spinal cord injury – the CSI:Brainwave project (2018). Athanasiou A, Pandria N, Foroglou N, Magras I, Bamidis PD, 32nd Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Society of British Neurological Surgeons and Cyprus Neurosurgical Society, Chania, Greece, 24-26/5/2018 oral presentation (OP 39), program book p 21, abstracts cd

Teaching Experience

- (2011-2016): Mathematics Tutor
- (2015-2017): Co-teaching in Master Program "Nanoscience and Nanotechnology", School of Physics, Faculty of Sciences, Aristotle University of Thessaloniki - Course: "Bioinformatics".
- (2015-2017): Co-teaching in Inter-Faculty Master Program "Complex Systems and Networks", School of Economics, Mathematics, Biology and Geology of Aristotle University of Thessaloniki.

- (2015-2017): Co-teaching in Inter-Faculty Master Program " Education Sciences - Learning Technologies » , Aristotle University of Thessaloniki, University of Ioannina- Course: " Emotional Computing and Learning ".