

*Center for Applied Neuroscience,
University of Cyprus presents the...*

12TH ANNUAL SCIENTIFIC CONFERENCE

*University House Anastasios G. Leventis, University of Cyprus
Room B108.*

*October 14th, 2022
0830 - 1800
#CAN2022*

“CONTRIBUTION OF NEUROSCIENCE TO SOCIETY”

Under the Auspices of the Deputy Ministry of
Research, Innovation and Digital Policy - Republic of Cyprus



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NEUROSCIENCE



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Πανεπιστήμιο Κύπρου
Τμήμα Ψυχολογίας



University of Cyprus
Center for Applied
Neuroscience

CAN



DEPUTY MINISTRY OF
RESEARCH, INNOVATION
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REPUBLIC OF CYPRUS

12th Annual Scientific Conference

“Contribution of Neuroscience to Society”

Program

Welcome Speeches:

0830 - 0845	Professor T. Christofides,	Rector, University of Cyprus
	Mr. K. Kokkinos	Deputy Ministry of Research, Innovation & Digital Policy
	Professor A. Ellinas,	Dean, Faculty of Social Sciences & Education, University of Cyprus
	Professor F. Constantinidou,	Professor of Psychology & Director, Center for Applied Neuroscience, University of Cyprus

Key Note Speaker:

0900 - 1000	Dr Zacharias Maniadis, ERA Chair in Science & Innovation Policy & Studies
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“Meta Science, Research Methodology & Social Policy.”

1000 - 1010 ***COMFORT BREAK***

Symposium #1: Neurocognitive Research Lab

“Combating acquired brain conditions with integrative neuroscience.”

Supervising Professor:

Fofi Constantinidou Ph.D.
Professor of Language Disorders & Clinical
Neuropsychology, Department of Psychology & Center
for Applied Neuroscience, University of Cyprus. ASHA &
ACRM Fellow; RIF Distinguished Researcher.

Individual Presentations:

1010 - 1110	Fofi Constantinidou Ph.D.	Challenges, Opportunities & Directions for Research & Policy to Manage Acquired Brain Disorders. Symposium Moderator
	Michelle Kokkinou M.Sc.	Ph.D. Candidate, Department of Psychology, University of Cyprus & Department of Mental Health Services, State Health Services Organization. Cognitive Reserve & Neuropsychological Outcome in Moderate-Severe Traumatic Brain Injury.
	Eva Pettemeridou Ph.D.	Post-doctoral Researcher, Center for Applied Neuroscience & KIOS Center Research & Innovation Center of Excellence, University of Cyprus. Social Cognitive-Communication Training to Improve Self-Awareness and Psychosocial Functioning in Acquired Brain Injury.
	Fotini Demetriou M.Sc.	Ph.D. Candidate, Department of Psychology, University of Cyprus & Department of Mental Health Services, State Health Services Organization. fNIRS as a Novel Biomarker of Cognitive Performance in Traumatic Brain Injury.

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Symposium #2: Clinical Psychology & Psychophysiology Lab

“Emotions in Psychopathology & Life.”

Supervising Professor:

Georgia Panayiotou, Ph.D.

Professor of Clinical Psychology, Department of Psychology & Center for Applied Neuroscience, University of Cyprus

Individual Presentations:

Markos Apostolakis,

1110 - 1210

Ph.D. candidate in Psychology. Studying emotion regulation in children in the lab. Methods and preliminary findings.

Thekla Konstantinou,

Ph.D. candidate in Clinical Psychology. A laboratory study of using Virtual Reality in the treatment of Fear of Public speaking.

Tonia-Flery Artemi,

Ph.D. candidate in Clinical Psychology. Studying gambling motivation and gambler's emotions in the lab.

Georgia Panayiotou, Ph.D.

Discussion and next directions from the Clinical Psychology & Psychophysiology lab.

1210 - 1300

LIGHT RECEPTION & POSTER VIEWINGS

Key Note Speaker:

Professor Dr Alexander Sack,

1300 - 1400

Professor of Brain Stimulation & Applied Cognitive Neuroscience at Maastricht University

“Non-invasive brain stimulation: from basic neuroscience research to mental health policy changes.”



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Symposium #3: **Experimental Psychology Lab**

“Applications of spatial cognition.”

Supervising Professor:

Marios Avraamides Ph.D.

Professor of Cognitive Psychology, Department of Psychology & Center for Applied Neuroscience, University of Cyprus

Individual Presentations:

Maria Photiou, Ph.D.

1400 - 1500

Post-Doctoral Researcher, Department of Psychology University of Cyprus & CYENS Research Centre of Excellence. Shall we dance?

Christodoula Gabriel,

Ph.D. Student, Department of Psychology & Center for Applied Neuroscience, University of Cyprus. Teleporting impairs scene recognition in Virtual Reality environments.

Miria Plastira,

Department of Psychology, University of Cyprus & CYENS Research Centre of Excellence. Music Tempo and Perception of Time: Musically Trained vs nontrained Individuals.

Kyriaki Mikellidou Ph.D.

Post-Doctoral Researcher, Department of Psychology & Center for Applied Neuroscience, University of Cyprus . Remapping the Peripersonal space in Virtual Reality.

1500 - 1530

COFFEE BREAK & POSTER VIEWINGS

CAN at a glance:

Through basic and applied research, CAN contributes to developing new knowledge, methods and technologies that advance personalized mental health and quality of life. In particular, CAN undertakes, but is not limited to:

1. Development and standardization of assessment tools for language, cognition, affection, and behavior;
2. Execution of extensive cohort studies in aging, brain injury, anxiety, and learning disabilities for epidemiologically principled studies and development of predictive models for disease progression and recovery;
3. Development of treatment protocols such as the Categorization Program, Virtual Reality Exposure Therapy for anxiety, substance abuse and gambling addiction prevention, meaning-based language training, PASS Reading Enhancement Program (PREP), and parenting the strong-wild child;
4. Investigation of the basic cognitive mechanisms of attention, perception, and memory, through computerized tasks.

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Symposium #4 & #5: Learning Disabilities Group /
Language & Cognitive Development Research Group

*“The psychology in the service of learning and cognitive dysfunctions:
Research and practice.”*

Supervising Professors:

Timothy C. Papadopoulos Ph.D.

Professor, & RIF Distinguished Researcher, Department
of Psychology & Center for Applied Neuroscience,
University of Cyprus

Georgios Spanoudis Ph.D.

Professor, Department of Psychology & Center for
Applied Neuroscience, University of Cyprus

Individual Presentations:

Learning Disabilities Group

Timothy C. Papadopoulos Ph.D.

Professor, Department of Psychology & Center for Applied Neuroscience, University
of Cyprus, Research and practice in the study of learning dysfunctions

Evgenia Kouki MSc.

Department of Psychology & Center for Applied Neuroscience, University of Cyprus,
From the single deficit hypothesis and comorbidity of learning dysfunctions to the
Research Domain Criteria framework: New directions and challenges

1530 - 1730

Argyro Fella Ph.D.

Post-Doctoral Researcher, Department of Education University of Nicosia & Center
for Applied Neuroscience, University of Cyprus, Cognitive and linguistic processing
in reading difficulties: Evidence from studies using neurophysiological methods

Christos Mettouris Ph.D., Alexis Yeratziotis Ph.D., & George Papadopoulos Ph.D. Professor

Post-Doctoral Researchers, Department of Computer Science & SEIT Lab,
University of Cyprus Treating reading difficulties through a computer intervention
based on the learner's style

Language & Cognitive Development Research Group

George Spanoudis Ph.D.

Professor, Department of Psychology & Center for Applied Neuroscience,
University of Cyprus. Research and practice in the study of language and
cognition.

Kyriakos Antoniou Ph.D.

Visiting Professor, Department of Rehabilitation Sciences, Cyprus University of
Technology. Cognitive and linguistic processing in Bilingualism and Bi-dialectalism.

Elena Yiangou Ph.D.

Post-Doctoral Researcher, Lecturer, Department of Speech & Language Therapy,
European University Cyprus, Language development and Cochlear Implants: New
directions and challenges.

Maria Loizou Ph.D.

Ph.D. student, Department of Psychology, University of Cyprus. Cognitive and
affective correlates of psychological adjustment in Multiple Sclerosis.

1730 - 1745

CLOSING



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CAN at a Glance

General Information:

Center for Applied Neuroscience (CAN) was founded in 2011 through competitive funding for an infrastructure grant by the Cyprus Research & Innovation Foundation. In 2013, the House of Representatives, Republic of Cyprus, approved CAN as an Independent Research Center in the School of Social Sciences & Education at the University of Cyprus.

CAN is the only established Research Center of its kind in Cyprus. Researchers at CAN apply integrative and contemporary neuroscience methodologies to investigate healthy and clinical populations, with a focus on high incidence neurological and psychiatric disorders. The founding of CAN brings to the forefront the importance of research, development, and delivery of evidence-based procedures and clinical services in Cyprus.

Vision:

As the leading Research Center for the study of brain, mind, and human behavior in Cyprus, the Center for Applied Neuroscience (CAN) aspires to be the flagship Center for neuroscience research and collaboration in the greater geographical region.

Mission:

The mission of the CAN is to conduct basic and applied research and contribute to the development of new knowledge, methods, and technologies that advance science and benefit health, quality of life and the society.

Scope & Objectives:

Through their research program and their established collaborations with other reputable research institutions and the industry, CAN researchers contribute significant research outcomes to science and society at large. The scope and objectives of CAN are:

- ⇒ Build capacities through training and development of new researchers and clinicians;
- ⇒ Develop and adapt assessment and intervention modalities for language, cognition, behavior and affect;
- ⇒ Promote multidisciplinary and interdisciplinary research;
- ⇒ Implement multimodal and integrative research methodologies;
- ⇒ Expand the national and international network of partners;
- ⇒ Apply scientific knowledge and support entrepreneurship to address societal and economic challenges.

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“Contribution of Neuroscience to Society”

Doctor Zacharias Maniadis

**Title:**

‘Meta Science, Research Methodology & Social Policy’

Abstract:

In this talk I shall introduce the interdisciplinary research approach of our newly-form group, SInnoPSis. Our approach is based on cross-fertilization across disciplines interested in the study of what makes scientific projects reproducible and scalable as a real-life policy. The study of such phenomena is forming into a new discipline, meta-research.

Learning Objective:

- ⇒ Explain what *meta-research* is and why it matters for psychological sciences as well as for the scientific community in UCY;
- ⇒ Discuss the fundamental problem of ‘*scaling up*’ scientific interventions into actionable policy; and
- ⇒ Describe what meta-research teaches us for *scientific methodology and practices* that produce reproducible and scalable results.

Biography:

Zacharias Maniadis (Zach) is the ERA Chair holder in Science and Innovation Policy and Studies at the Economics Department of UCY. Zach got his Ph.D. in Economics from UCLA in 2008 and then was a postdoctoral researcher at the decision sciences department of Bocconi

University. He obtained his BA and MA in Economics from the University of Athens. His interests include Economics of Science, Behavioral Economics and Political Economy.

Zach’s approach utilizes cross-fertilization between different disciplines: from biomedical disciplines and meta-research to social sciences, and from social sciences to other disciplines. He has a long experience with interdisciplinary research teams and in 2015 he co-organized the first conference on reproducibility with a focus on economics.

His main interest is in using economic tools in addressing reforms in science, and in getting insights by meta-research to advance practices in economics and other social science fields. He focuses on the workings of the academia, using applied theory and experiments as his primary research tools. Zach is also interested in the public perception of experts.

Zach has published across several disciplines, in journals such as the American Economic Review, Economic Journal, Research Policy, PLOS Biology, Behavioral and Brain Sciences and American Economic Journal: Micro.

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Neurocognitive Research Lab

Title:

‘Combating acquired brain conditions with integrative neuroscience’

Abstract:

Neurological conditions affect brain health and are a leading cause of disability resulting in a huge global societal and economic burden for people across their lifespan. Acquired brain disorders (e.g., traumatic brain injury (TBI), stroke and dementia) are on the forefront as they result in debilitating neuropsychological challenges, including impairments in cognition, language, behavior and affect. These impairments hinder vocational integration for younger patients and social engagement in general. In this presentation, we will integrate research conducted at CAN in order to characterize and manage these conditions. **First**, we will discuss challenges and opportunities resulting from common conditions affecting brain health. **Second**, we will present data on the long-term effects of brain injury, the underlying neurophysiology (structure and function) associated with neurocognitive and psychosocial functioning and the association between cognitive reserve and outcomes. **Third** we will discuss the most prominent neurorehabilitation pathways and theory driven treatment programs. **Finally**, we will provide research evidence from integrative clinical neuroscience efforts designed to improve neuropsychological functioning, will discuss novel biomarkers and will **conclude** with directions for policy and future research.

Learning Objective:

By the end of this symposium attendees will:

- ⇒ Gain knowledge on the impact of acquired brain conditions on neurocognitive and psychosocial functioning;
- ⇒ Describe how advances in neuroscience research can inform the management of acquired brain conditions, including precision or person-centered rehabilitation;
- ⇒ Explain various neurorehabilitation pathways and a neurological bio psychosocial approach towards improving brain health;
- ⇒ Associate concepts such as brain reserve and cognitive reserve and their contribution to recovery of function; and
- ⇒ Discuss common and novel biomarkers of brain structure and function.

Lab supervisor:

Professor Fofi Constantinidou

Lab description:

The Neurocognitive Research Lab (NRL) was established in 2008 and is lead by Professor Fofi Constantinidou. Researchers at the NRL investigate acquired brain conditions (e.g., brain injury, aging, and stroke) and their effects on neuropsychological functioning, in particular memory, language, executive systems, and categorization. The team at NRL focuses on the neurophysiological underpinnings of brain-behavior mechanisms and the effectiveness of neuroscience-based treatment protocols. Furthermore, NRL coordinates the first longitudinal study on aging in Cyprus, the NEUROAGE project. NEUROAGE with more than 1000 study participants to date, aims to identify modifiable and unmodifiable predictors for healthy and pathological cognitive aging.

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Clinical Psychology & Psychophysiology Lab

Title:

‘Emotions in Psychopathology & Life’

Abstract:

This symposium presents an overview of projects that are currently active at the Clinical Psychology & Psychophysiology Lab, and their initial findings. Lab researchers will present on work that examines the role of difficulties in emotion processing and regulation in a spectrum of psychological disorders, as well as in prevention and mental health. We will present study designs and preliminary findings regarding a) exposure to stressors through virtual reality in persons with fear of public speaking b) emotion dysregulation in childhood internalizing disorders, c) emotions and motivation in gambling disorder, and d) introduction to soft-skills in higher education as prevention and preparation for life success.

Learning Objective:

- ⇒ Learn about the current activities of the Clinical Psychology and Psychophysiology Lab. Understand ways of studying emotional processes in the lab and their role in psychopathology and health;
- ⇒ Learn about anxiety disorders, internalizing symptoms and their psychophysiological markers. Learn about the use of modern technologies, like VR, for their treatment. Learn about the development of emotional skills to prevent mental health problems; and
- ⇒ Learn about emotional difficulties in gambling disorder and how they can be studied experimentally. Learn about how emotion regulation difficulties can maintain problems in behavior, such as addictions.

Lab supervisor:

Professor Georgia Panagiotou

Lab description:

The Clinical Psychology & Psychophysiology Lab is lead by Professor Georgia Panagiotou. It studies emotion processes, emotion regulation and coping in psychopathology. Interactions between emotion and cognition (attention, inhibition) and personality are also addressed. Psychophysiological methods are used to assess emotion, especially the startle reflex, autonomic physiology and facial EMG, and various paradigms to induce emotion, such as imagery, VR, pictures and films. The lab also leads multiple clinical trials for novel prevention and therapeutic protocols to address emotion regulation difficulties in various populations.

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Professor Dr. Alexander Sack



Title:

‘Non-invasive brain stimulation: from basic neuroscience research to mental health policy changes’

Abstract:

Transcranial Magnetic Stimulation (TMS) Transcranial Electric Stimulation (TES) are two neuromodulation techniques capable of non-invasively manipulating neural network activity and inducing longer lasting neuroplastic changes in the healthy and diseased human brain. In the past 20 years my group has used these techniques in fundamental brain research and developed an exciting non-invasive avenue of causal network research into dynamic brain circuits and their dysfunction in mental disorders. This basic research was fundamental to establishing TMS as a non-pharmacological treatment alternative for patients suffering from treatment resistant depression in the Netherlands. Based on our expertise in and insights from neuroscience, we were able to consult, advise, and

negotiate with the Health Policymakers and Health Insurances regarding the potential use and benefit of rTMS for mental health care treatment and interventions in the Netherlands. This resulted in the official recognition and approval of rTMS as an effective treatment for depression including the reimbursement of TMS treatment costs within the regular health insurance schemes in 2018. As initiator and coordinator of the TMS policlinic at the Maastricht Academic Hospital (MUMC+), we also introduced a more cost-effective TMS and TES depression treatment protocol and continue to develop innovative personalized brain stimulation treatments for depression, and other mental health disorders that may likewise benefit from neuromodulation including OCD, pain, addiction, and rehabilitation.

Learning Objective:

- ⇒ How does TMS and TDCS work in the human brain;
- ⇒ What is the clinical efficacy of using TMS/TCS in treating neuropsychiatric disorders; and
- ⇒ How can neuroscience research lead to changes in health policy and regulations.

Biography:

Professor Dr. Alexander T. Sack is one of the world’s most renowned expert in noninvasive brain stimulation, fundamental and applied cognitive neuroscience, and clinical brain stimulation research. He studied Psychology and Neuroscience with a Master of Science in Psychology and Ph.D. in Natural Sciences (summa cum laude) from Frankfurt University, Germany. Following his Ph.D. in Neuroscience (2003), he completed several international postdoctoral and academic research positions including a visiting research fellowship at Harvard Medical School between 2005 and 2008. Since 2011, he is appointed as Professor of Brain Stimulation and Applied Cognitive Neuroscience at the Faculty of Psychology and Neuroscience, Maastricht University. In 2012, Dr. Sack was appointed as member of DJA within the Royal Netherlands Academy of Arts and Sciences (KNAW), and in 2013 member of The Young

Academy of Europe (YAE). In 2015, Sack founded and is currently still chairman of the Dutch-Flemish Brain Stimulation Foundation, aiming to promote scientific research and collaboration in the field of noninvasive brain stimulation and its translation to clinical practice. Sack is also board member of the European Society of Brain Stimulation, thanks to which TMS is now being considered a first-line treatment for depression according to recent European guidelines. Since 2017 Sack is also director of the interfaculty Center for Integrative Neuroscience (CIN), at which all activities with regard to neuroscience, research, innovation, and patientcare are framed within an interdisciplinary cooperation. In 2019, Sack was also appointed as director of the TMS Clinic at the Maastricht University Medical Center (MUMC+), coordinating all experimental and clinical research using noninvasive neuromodulation techniques.

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Experimental Psychology Lab

Title:

Applications of spatial cognition

Abstract:

This symposium will focus on how our perception of space and time can shape our daily experience. In four talks the speakers we will inform the audience about (i) how dance can help strengthen our cognitive abilities, (ii) the drawbacks of using teleporting to move in Virtual Reality, (iii) how our perception of time is altered by music tempo and (iv) how the perceptual size of the private space that surrounds us can be changed following a short training period. The importance of using realistic environments and scenarios to do research, will emerge through these talks, alongside with societal impact of our research.

Learning Objective:

- ⇒ Learn how virtual reality technologies can become an invaluable tool to study human cognition and perception;
- ⇒ Learn how mental representations of space can shape our daily experiences; and
- ⇒ Learn how our perception of time can be altered.

Lab supervisor:

Professor Marios Avraamides

Lab description:

The Experimental Psychology Lab (EPL; www.experimentalpsych.com), lead by Professor Marios Avraamides, conducts research on various aspects of human cognition (e.g. attention, perception and memory). Researchers at EPL employ Virtual Reality technology in service of behavioral research as well as other methodologies, e.g., eye-tracking, electrophysiology, psychophysiology, and neuroimaging. Furthermore, through local and international collaborations, the lab conducts, applied research on the use of technology for clinical and non-clinical applications.



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Learning Disabilities Group & Language & Cognitive Development Research Group

Title:

*‘The psychology in the service of learning & cognitive dysfunctions:
Research & practice’*

Abstract:

The study of neurodevelopmental dysfunctions, especially those related to language problems, is possible based on a tripartite model, including screening, diagnosis, and intervention. The symposium entitled “*The psychology in the service of learning and cognitive dysfunctions: Research and practice*” provides an informative review of the research carried out over the last decade at the Center for Applied Neuroscience with a particular focus on language dysfunctions. Presentations and discussions touch on relevant developmental topics and provide evidence from cognitive and electrophysiological data findings.

Learning Objective:

Learning Disabilities (LD) group

The symposium offers the participants the opportunity to:

- ⇒ discover robust theoretical and conceptual frameworks for the study of language dysfunctions;
- ⇒ get familiar with various psychometric tools and electrophysiological methods appropriate for addressing language deficits; and
- ⇒ connect theory and practice for treating language deficits with immediate benefits for the final user.

Language & Cognitive Development Research Group

The symposium offers the participants the opportunity to:

- ⇒ discover theoretical and conceptual structures for studying the interplay between cognition and language;
- ⇒ get acquainted with such issues as bilingualism/bi-dialectalism, cochlear implants, and psychological adjustment in multiple sclerosis; and
- ⇒ understand theory and practice for treating cognitive and language functioning with immediate benefits.

Lab supervisors:

Learning Disabilities Group

Professor Timothy Papadopoulos

Language & Cognitive Development Research Group

Professor George Spanoudis

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Learning Disabilities Group & Language & Cognitive Development Research Group

Lab Descriptions:

The **Learning Disabilities (LD) group**, lead by Professor Timothy Papadopoulos, focuses on the study of neurodevelopmental dysfunctions with an emphasis on Specific Learning Difficulties (SLD), including reading deficits, attention difficulties or developmental language impairments. The outcomes of international and national projects coordinated by the LD Group have resulted in (a) the standardization of significant cognitive and linguistic batteries, (b) the advancement of new methods for the study of the possible neurological basis of SLD, and (c) the development of different intervention strategies tailored-made to the needs of the developing child.

The **Language and Cognitive Development Research Group** lead by Professor George Spanoudis has wide expertise in areas including language development and understanding, and cognitive development in typical and atypical populations. Our work bridges ideas and methods generated within developmental, cognitive, and differential psychology. The primary goal of the group is to study the interplay between language acquisition and cognitive development by combining behavioral and electrophysiological measurements (EEG/ERPs). Our research program focuses on issues of language processing and learning, theory of mind development, and cognitive correlates of developing intelligence.



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Abstracts for Scientific Posters

#	Title	Authors
1	A new multidimensional group intervention for cognitive & psychosocial functioning for older adults	Andreas Chatziikypianou Ph.D., & Fofi Constantinidou Ph.D.,
2	Pollution Levels At & Near gas Stations & their Effects on the human Mind & Body (PLANS-EMB)	Constantinos Kourouyiannis, Miltiades Ioannides, Antonia Panayiotou, Maria Patsea, Lygia Eleftheriou, Chara Papastephanou & Andreas A. Ioannides
3	Understanding & reacting to others' sadness: Investigating the effects of three intervention programs	Chara A. Demetriou, Kostas A. Fanti, Ioannis Mavrommatis, Maria Petridou, & Maria Sikki
4	Sensory Tests in Children with Developmental Speech Sound Disorders	Kakia Petinou Ph.D., Lilia Psalta Ph.D., George Spanoudis Ph.D., & Christodoulos Monogios
5	The role of cognitive skills in reaction speed training in professional soccer players	Sialou C, Vasileva, V, Parpa, K., Michaelides, M., Nisiotis, L., Christodoulides, E., Shimi, A., & Avraamides, M.N. Ph.D.
6	Predicting Reading Outcomes in School Age	Savvina Banti, Evgenia-Peristera Kouki MSc, George C. Spanoudis Ph.D., & Timothy C. Papadopoulos Ph.D.
7	European project BR.A.I.N. unveiling one of the silent epidemics in the context of IPV	Nikolaou, F., Michael, I., Andronikou, A., & Constantinidou, F. Ph.D.
8	Psychophysiological Correlates during Social Cognition Performance & Neurocognitive Functions after Moderate to Severe Traumatic Brain Injury	Fotini Demetriou, & Fofi Constantinidou Ph.D.
9	Preliminary results on biomarkers for internalizing & externalizing psychopathology using the Research Domain Criteria Framework	Georgia Soursou, & Kostas Fanti Ph.D
10	'Antisocial Behavior: Examining the effects of Genetic, Psychophysiological, & Environmental Factors'	Zacharaki, G., Petridou, M., Lordos, A.Ph.D, Stavriniades, P., Ph.D & Fanti, K Ph.D

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Abstracts for Scientific Posters

#	Title	Authors
11	Acute injury factors associated with prolonged length of stay in the ICU following TBI	Ioulia Solomou, & Fofi Constantinidou Ph.D.
12	Categorising Healthy & Pathological Changes in Cognitive Function with Aging in the Cypriot Population: The Neurocognitive Study on Aging	Maria Constantinou Ph.D., Michalis Michaelides, & Fofi Constantinidou Ph.D.
13	Monitoring spatial shifts of a moving protagonist in comics when environments encoded visually vs verbally	Marianna Pagkratidou, Alexia Galati, & Marios Avraamides Ph.D.
14	The role of Gender in the Neurocognitive Sequelae of TBI	M. Kokkinou, & F. Constantinidou Ph.D.
15	Virtual Reality for Sports Training	Patsalos Panayiotis., Shimi Andria Ph.D, & Avraamides, M.N. Ph.D.
16	Evidence for the Involvement of the Primary Visual Cortex in Visual Short-Term Memory Maintenance Using Transcranial Magnetic Stimulation	Phivos Phylactou, Andria Shimi Ph.D, & Nikos Konstantinou
17	Avoidance Associations with Physiological Arousal in Response to Deep & Shallow Emotion Processing	Savvia Michael, Georgia Panayiotou Ph.D. & Maria Panteli Ph.D.
18	Predictors of Urge to Smoke Under Stressful Conditions: Psychophysiological Measures & Self-Reports	Tonia-Flery Artemi, Georgia Panayiotou Ph.D., & Maria Karekla
19	The spatial aha moment from an ecological perspective	Efrosini Charalambous Ph.D.
20	fNIRS as a Novel Biomarker to Measure Treatment Outcomes in Individuals with Acquired Brain Injury.	Lofitou, K., Pettemeridou, E. Ph.D. & Constantinidou, F. Ph.D.
21	Adapting the Ages & Stages-3 Questionnaire in Greek: preliminary findings & next steps	M Koushiou, Ph.D., S Trakoshis, Ph.D., N Michael, M.A., F Constantinidou, Ph.D., P Dimitropoulou, Ph.D. , A Klimentopoulou, MD, Ph.D. & A Jossif, MD

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