

ARGIRO VATAKIS

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Education:

University of Oxford, Lincoln College, UK, 2004-2007

Doctor of Philosophy (D. Phil.) in Experimental Psychology

Thesis title: *Assessing the factors modulating synchrony perception for complex audiovisual stimuli.*

California State University Long Beach, USA, 2002-03

1st year completed, Masters (M.A.) Degree in Research Psychology

Honors in *Perception (PSY631)* and *Learning (PSY632)*

California State University Long Beach, USA, 1995-2000

Bachelors (B.A.) in Psychology

Awards & Prizes:

- Institute for Advanced Study Fellowship, Theme “Time”, Durham University, UK, 2012-2013
- Post-doctoral scholarship, “Maria P. Laimou” Foundation, Greece, 2009-10
- Graduate Senior Scholarship, Lincoln College, University of Oxford, 2007
- Brain Travel Grant, Brain, 2007
- Graduate Research Fund Award, Lincoln College, University of Oxford, 2007
- Onassis Foundation Science Lecture Series (*‘Brain plasticity: From molecules to behavior’*) Award, 2006
- Graduate Symposium Award, International Multisensory Research Forum (IMRF), 2006
- Neuroscience Training (NEUROTRAIN) in Europe Grant, European Commission, Research Directorate General, Marie Curie Conferences & Training Courses, Contract No. MSCF-CT-2005-029703, 2006
- Graduate Senior Scholarship, Lincoln College, University of Oxford, 2006
- European Commission Improving Human Potential Programme Fellowship, NeuralComp, 2006
- Graduate Research Fund Award, Lincoln College, University of Oxford, 2006
- Newton Abraham Studentship, Medical Sciences, University of Oxford, 2005-07
- William R. Miller Postgraduate Award, St. Edmund Hall College, University of Oxford, 2005-06
- St. Hugh’s Graduate Award, St. Hugh’s College, University of Oxford, 2005-07
- Grindley Grant, British Experimental Psychology Society, 2005
- Travel Award, St. Edmund Hall College, University of Oxford, 2005
- Brockhues Graduate Award, University of Oxford, 2004
- Sally Casanova California State University Pre-Doctoral Scholar Award, 2003-04
- Student Academic Travel Award, CSU Long Beach, 2003

- Psychology Department Travel Award, CSU Long Beach, 2003
- Dean's List, CSU Long Beach, 1998-99
- Student Access to Science Summer Scholarship, CSU Long Beach, 1996
- High School Honors, 4th Gymnasium of Chios, 1989-1991

Research/Work Experience:

Timing & Time Perception: Reviews, Brill Publishing House & University of Groningen, NL, 2014-2017

Position: Editor-in-Chief

Editor of this new and unique journal that aims to bring together all reviews on timing and time perception from different disciplines and perspectives.

Timing & Time Perception, Brill Publishing House, NL, 2013-2017

Position: Editor-in-Chief

Proposer and Editor of this new and unique journal that aims to bring together all research on timing and time perception from different disciplines and perspectives.

University of Athens, Department of Philosophy and History of Science, Greece, 2012-2015

Funded by: Cognitive Mechanisms in the Perception, Representation, and Organization of Knowledge (COGMEK), THALIS National Research Funding

PIs: Dr. Konstantinos Moutousis & Prof. Stella Vosniadou

Position: Researcher

As a researcher in COGMEK under the Group: *Spatial and Temporal Perception: General characteristics and the role of higher-level cognitive processes*, I will investigate whether or not learning and priming modulates synchrony perception and how this modulation can enhance or inhibit the peak and decline of the time-course of time perception through development. I will also co-supervise two doctoral students.

Cognitive Systems Research Institute (CSRI), Athens, Greece, 2011-present

Funded by: Time In MEntaL activitY: theoretical, behavioral, bioimaging and clinical perspectives (TIMELY), ISCH Action TD0904, 2010-2013. COST-ESF Networking grant (<http://www.timely-cost.eu>) & POETICON ++, FP7-ICT-Cognitive Systems, Interaction, Robotics

Director: Katerina Pastra, Ph.D.

Position: Coordinator/Researcher

TIMELY is a networking project between scientists working on time and time perception for the exchange of expertise and establishment of new collaborations. TIMELY seeks to explore fundamental questions on TP by bringing together, for the first time, senior and junior scientists from different disciplines and perspectives. Specifically, TIMELY will focus on four main themes:

- *Conceptual analysis and measurement of time*
- *Exploring Cognitive, Linguistic, and Developmental factors associated with TP variability*
- *Extending time research to ecologically-valid stimuli*

- *Uncovering the neural correlates of TP*

POETICON++ will be a continuation of the work done in POETICON on for discovering the “languages” of sensorimotor representations and the correspondences with natural language.

Institute for Language and Speech Processing (ILSP), Research Centers “Athena”, Athens, Greece, 2008-2011

Funded by: POETICON, European Commission 7th Framework Programme, Cognitive Systems and Robotics, STREP Project ICT-215843.

Department Head: S. Piperidis

Position: Post-doctoral Researcher

The POETICON project follows an empirical approach for discovering the “languages” of sensorimotor representations and the correspondences with natural language. Guided by cognitive experiments, it employs cutting-edge equipment and established cognitive protocols for collecting face and body movement measurements, visual object information and associated linguistic descriptions from interacting human subjects, with the objective to create an extensible computational resource which associates symbolic representations with corresponding sensorimotor representations.

Hellenic Institute of Transport (HIT), Center for Research and Technology Hellas (CERTH), Athens, Greece, 2007-08

Funded by: Center for Research and Technology Hellas (CERTH)

Department Head: Aggelos Bekiaris, Ph.D.

Position: Post-doctoral Researcher

Focusing on the study of the relationship of the driver with the vehicle and methods to increase safety while driving. Tasks included working with a driving simulator or real driving experiments. Involved in the European Union funded programs of:

- HUMABIO (Human monitoring and authentication using biodynamic indicators and behavioural analysis)
- ACTIBIO (Unobtrusive authentication using activity related and soft biometrics)
- TRAIN ALL (Integrated system for driver training and assessment using interactive education tools and new training curricula for all modes of road transport)
- DRUID (Driving under the influence of drugs, alcohol and medicines)
- SENSATION (Advanced sensor development for attention, stress, vigilance and sleep/wakefulness monitoring),
- ASK IT (Ambient intelligence system of agents for knowledge based and integrated services for mobility impaired users)
- IN SAFETY (Infrastructure and safety).

Crossmodal Research Laboratory, Department of Experimental Psychology, University of Oxford, UK, 2004-07

Funded by: Newton Abraham Studentship, Medical Sciences.

Lab Supervisor: Prof. Charles Spence, Ph.D.

Position: Doctoral Student

Focusing on the study of audiovisual temporal perception for complex stimuli using psychophysical and neuroimaging techniques.

Department of Neurology II and Center for Advanced Imaging Medicine, University of Magdeburg, Germany, 2006

Funded by: Visiting Scientist DFG Grant

Lab Supervisor: Toemme Noesselt, Ph.D.

Position: Visiting Scientist

Focusing on the study of auditory, visual, and tactile synchrony perception using psychophysical and fMRI techniques.

Max Planck Research Institute for Biological Cybernetics, Dr. Logothetis Department, Germany, 2004-05

Funded by: Max Planck Society

Lab Supervisor: Zoe Kourtzi, Ph.D.

Position: Research Scientist

Focusing on the study of visual perception using Glass Patterns using fMRI and psychophysical methods.

Behavioral Neuroscience Laboratory, Department of Psychology, CSU Long Beach, USA, 2003-04

Lab Supervisor: Diane W. Lee, Ph.D.

Position: Research Assistant

Focusing on understanding the processes underlying learning and memory formation, investigating the role of hippocampus in learning, and injury-induced hippocampal neurogenesis.

Boeing Corporation, Phantom Works, Long Beach, USA, 2003-04

Funded by: Boeing Corporation

Lab Supervisor: Jack Dwyer, Ph.D.

Position: Research Assistant

Focusing on the development of effective radar systems that function based on the principles of the mechanisms governing the human eye.

Psychoacoustics Laboratory, Dep. of Psychology, CSU Long Beach, USA, 2002-05

Lab Supervisor: Thomas Z. Strybel, Ph.D.

Position: Research Assistant

Investigation of unimodal and crossmodal (auditory and visual) perception of apparent motion.

Event Organization/Co-organization:

Conferences:

- International Conference on Timing and Time Perception, March 31st–April 3rd, 2014, Corfu, Greece (<http://www.finalconference.timely-cost.eu/>).

- 4th Annual Conference of the Hellenic Cognitive Science Society, June 6-8th, 2013, Athens, Greece (<http://cogsci13.helleniccognitivesciencesociety.gr/>).

Workshops:

- Workshop on *Temporal Prediction*, October 18th, 2013, Granada, Spain.
- Workshop on *Development of Timing and Time Perception: A lifespan perspective*, October 16-17th, 2013, Granada, Spain.
- Workshop on the *Applying the senses in the classroom*, November 20th, 2011, Athens, Greece.
- International Workshop on the *Multidisciplinary Aspects of Time and Time Perception*, October 7th-8th, 2010, Athens, Greece (<http://timely-cost.eu/1st-international-workshop-multidisciplinary-aspects-time-perception>).
- ECOLIFE Festival, Agora, OAKA Olympic Sports Complex, Athens, Greece, June 2006. *The Unique Fair on Environmental Friendly Products & Services*, 3-day “Food for thought” Multisensory sensory experience exhibition. *Funded by: British Council in Greece*

Satellite Meetings:

- Satellite Meeting on the *Neurobiology of Time: From Normality to Dysfunction*, September 9th, 2011, Seville, Spain (<http://www.ebbs-seville2011.com/index.php/scientific-programme/satellite>).

Symposiums:

- *Time to act: New perspectives on embodiment and timing* at the International Conference on Timing and Time Perception, March 31st-April 3rd, 2014, Corfu, Greece.
- 1-Day Symposium at the 4th Hellenic Cognitive Science Society Annual Conference on *Timing in Clinical Populations*, June 7th, 2013, Athens, Greece.
- 1-Day Symposium at the 13th Hellenic Conference of Psychological Research on *Timing in perception: Visual instability-temporal distortion [Ο χρόνος στην αντίληψη: Οπτική αστάθεια - χρονική διαστρέβλωση]*, May 15-19th, 2013, Alexandroupoli, Greece.
- 2-Day International Symposium on *Temporal Processing Within and Across Senses*, October 4th-5th, 2012, Tuebingen, Germany.
- 3-Day International Symposium on the *Time and the Conscious Brain*, October 31st- November 2nd, 2011, HWK, Delmenhorst, Germany.
- EuroCogSci2011 Symposium on the *Current advances on Time perception: Psychophysical, Neuronal, and Applied Perspectives*, May 21st-24th, 2011, Sofia, Bulgaria.
- Symposium at the International Neuropsychological Society (INS) meeting *Time and Cognition: From behavioral studies to brain imaging*, June 30-July 3, Krakow, Poland.

Training Schools:

- 5-Day Training School on the *Imaging Time*, February 23-27th, 2013, Magdeburg, Germany.
- 5-Day Training School on the *Temporal Timing and Time Perception: Procedures, Measures, & Applications*, February 4-8, 2013, Corfu, Greece.

- 3-Day Training School on *Dynamical systems for psychological timing and timing in speech processing*, May 2nd-4th, 2012, Vietri sul Mare, Italy.
- 5-Day Training School on the *Temporal processing in clinical populations*, March 26th-30th, 2012, Thessaloniki, Greece.
- 5-Day Training School on the *Psychophysical, Computational and Neuroscience Models of Time Perception*, April 4th-8th, 2011, Groningen, Netherlands (<http://timely-cost.eu/training-school-2>).

Chairing:

- Oral Session: Children's Learning & Perception in the *13th International-2nd World Conference of the Association of Psychology and Psychiatry for Adults and Children (APPAC)*, "Psychology, Neuropsychiatry & Social Work in Modern Times", May 20-23, 2008, Athens, Greece.
- Experimental Psychology Session in the *3rd Annual D. Phil. Students Meeting*, 22 June 2007, University of Oxford, Medical Sciences Division.

Teaching Experience:

Lecturer:

- *Research Methods in Experimental Psychology*, Department of Philosophy and History of Science, University of Athens, Greece, 2014-15
- *Multisensory Perception and Attention*, Department of Philosophy and History of Science, University of Athens, Greece, 2009-13
- *Cognitive Psychology*, Department of Philosophy and History of Science, University of Athens, Greece, 2011-14
- *Introduction to Cognitive Psychology II*, Department of Psychology, Panteio University, Athens, Greece, 2009-10
- *Current Topics in Cognitive Psychology*, Department of Psychology, Panteio University, Athens, Greece, 2009-10
- *Introduction to Cognitive Psychology I*, Department of Psychology, Panteio University, Athens, Greece, 2008-10

Graduate Assistant, PSYCH 110, *Introduction to Behavioral Statistics*, Department of Psychology, CSU Long Beach, USA, 2002-04

Tutor (Math & Psychology), Professional Tutors of America, Brea, USA, 2002-03

Laboratory Instructor, PSYCH 310, *Intermediate Statistics*, Department of Psychology, CSU Long Beach, USA, Summer Session 2002

Student Supervision:

Master thesis supervision:

- Georgia Anna Chandridi, Thesis Title: *How changing the degree of attentional load affects duration estimation*, Dept. of Philosophy & History of Science, University of Athens, Current.
- Venetia Bakirtzi, Thesis Title: *Audiovisual temporal integration in Autism*, Dept. of Philosophy & History of Science, University of Athens, Current.

- Efthimis Tsilionis, Thesis Title: *Imaging the unity effect*, Dept. of Philosophy & History of Science, University of Athens, Current.
- Elpida Manoudi, Thesis Title: *Timing in Cinematography*, Dept. of Philosophy & History of Science, University of Athens, 2015.
- Alexandros Rouchitsas (co-supervision with Catherine Jones), Thesis Title: *How gaze affects time perception*, Dept. of Philosophy & History of Science, University of Athens, 2015.
- Stella Angelaki, Thesis Title: *The Unity Effect: Top-down or Bottom-up processes?* Dept. of Philosophy & History of Science, University of Athens, 2015.
- Mary Kostaki, Thesis Title: *Continuity and Synchrony: The common link*, Dept. of Philosophy & History of Science, University of Athens, 2015.
- Markos Sellis, Thesis Title: *Multisensory Integration: Inverse Effectiveness or Stochastic Resonance?*, Dept. of Philosophy & History of Science, University of Athens, 2015.
- Petros Papavasiliou, Thesis Title: *Emotional Responses to Musical Intervals with Specific Acoustical Properties and the Effect of the Induced Emotions in Duration Perception*, Dept. of Philosophy & History of Science, University of Athens, 2015.
- Helena Sgouramani (co-supervision with Marc Leman & Leon van Noorden), Thesis Title: *In Search of Lost Time: Does Dance Experience Enhance Time Perception?* Dept. of Philosophy & History of Science, University of Athens, 2013.
- Miketa Arvanity (co-supervision with Noam Savig), Thesis Title: *Is 'A' always red? Multisensory integration in synesthetes and non-synesthetes*, Dept. of Philosophy & History of Science, University of Athens, 2013.
- Argiro Vagia, Thesis Title: *Language and Timing: How temporal and non temporal concepts can affect duration perception*, Dept. of Philosophy & History of Science, University of Athens, 2013.
- Dionisis Koymoytsos (co-supervision with Charles Spence), Thesis Title: *Unity assumption for non-speech stimuli*, Dept. of Philosophy & History of Science, University of Athens, 2012.
- Nancy Verriopoulou (co-supervision with Simon Grondin), Thesis Title: *Using video games and brain training software to modulate human time perception*, Dept. of Philosophy & History of Science, University of Athens, 2011.
- Vassiliki Sofra (co-supervision with Stella Vosniadou), Thesis Title: *Creativity and student performance*, Dept. of Philosophy & History of Science, University of Athens, 2010.
- Daphne Roumani (co-supervision with Konstantinos Moutousis), Thesis Title: *Binocular Rivalry*, Dept. of Philosophy & History of Science, University of Athens, 2009.
- Fotis Fotiadis (co-supervision with Thanasis Protopapas), Thesis Title: *The effect of cue naming in probabilistic category learning*, Dept. of Philosophy & History of Science, University of Athens, 2009.

- Eliza Argyriou (co-supervision with Nikolaos Smyrnis), Thesis Title: *Aspects of auditory-motor synchronization with isochronous rhythmic patterns*, Dept. of Philosophy & History of Science, University of Athens, 2009.
- Dimitris Rogaris (co-supervision with Georgios Gyftodimos), Thesis Title: *Perception of simple and complex musical pieces*, Dept. of Philosophy & History of Science, University of Athens, 2009.

Bachelor's thesis supervision:

- Eleni Psarrou, Thesis Title: *Intentional binding of naturalistic stimuli*, Dept. of Psychology, Panteion University, Athens, 2014.
- Konstantina Margiotoudi, Thesis Title: *Timing and Gestures*, Dept. of Psychology, Panteion University, Athens, 2013.

Publications

Journal:

Vatakis, A., Van Rijn, H., & Meck, W. (Start year: 2013). *Timing & Time Perception*. Brill: Leiden, The Netherlands.

Meck, W., Van Rijn, H., & Vatakis, A. (Start year: 2014). *Timing & Time Perception: Reviews*. University of Groningen and Brill, Leiden, The Netherlands.

Journal Special Issues:

Vatakis, A., & Ulrich, R. (2014). Temporal Processing Within and Across Senses – Part 2. *Acta Psychologica*, **149**, 129-178.

Vatakis, A., & Ulrich, R. (2014). Temporal Processing Within and Across Senses – Part 1. *Acta Psychologica*, **147**, 1-152.

Books/Edited Books/Proceedings:

Vatakis, A., Balci, F., Correa, A., & Di Luca, M. (in preparation). *Timing and time perception: Procedures, measures, and applications*. Brill: Leiden, The Netherlands.

Vatakis, A., & Allman, M. (2015). *Time Distortions in Mind: Temporal processing in clinical populations*. Brill: Leiden, The Netherlands.

Vatakis, A. (2014). International Conference on Timing and Time Perception, 31 March-3 April 2014, Corfu, Greece. *Procedia - Social and Behavioral Sciences, Proceedings Volume 126*, 1-280.

Vatakis, A., Esposito, A., Giagkou, M., Cummins, F., & Papadelis, G. (2011). *Multidisciplinary Aspects of Time and Time Perception*. Springer LNCS/LNAI Proceedings Volume.

Book Chapters:

Vatakis, A., & Bakou, A. E. (2015). Distorted multisensory experiences of order and simultaneity. In A. Vatakis & M. Allman (Eds.), *Time Distortions in Mind: Temporal processing in clinical populations*. Brill: Leiden, The Netherlands.

Vatakis, A. (2014). TIMELY: A network on timing and time perception. In B. Lewandowska-Tomaszczyk & K. Kosecki (Eds.), *Time and Temporality in Language and Human Experience*. Series: Lodz Studies in Language - Volume 32. Peter Lang Publishing Group.

- Vatakis, A., & Papadelis, G. (2014). The research on audiovisual perception of temporal order and the processing of musical temporal patterns: Associations, pitfalls, and future directions. In D. Lloyd & V. Arstila (Eds.), *Subjective Time*. MIT Press.
- Vatakis, A. (2013). Cross-modality in speech processing: Synchrony perception and the unity effect. In J. Simner & E. Hubbard (Eds.), *The Oxford Handbook of Synaesthesia*. Oxford University Press.
- Vatakis, A. (2013). The role of stimulus properties and cognitive processes in the quality of the multisensory perception of synchrony. In L. Albertazzi (Ed.), *The Wiley-Blackwell Handbook of Experimental Phenomenology. Subtitle: Visual Perception of Shape, Space and Appearance*. Wiley-Blackwell.
- Vatakis, A., & Papadelis, G. (2011). A Timely Endeavor: Theoretical, Behavioral, Bioimaging, and Clinical Perspectives on Time Perception. In A. Esposito, A. M. Esposito, R. Martone, V. C. Muller, and G. Scarpetta (Eds.), *Toward Autonomous, Adaptive, and Context-Aware Multimodal Interfaces: Theoretical and Practical Issues*, Springer-Verlag: Berlin Heidelberg.
- Vatakis, A., & Spence, C. (2010). Audiovisual temporal integration for complex speech, object-action, animal call, and musical stimuli. In M. J. Naumer & J. Kaiser (Eds.), *Multisensory Object Perception in the Primate Brain*. Springer-Verlag: Berlin Heidelberg.

Translated Books:

- Ward, J. (2010). The Frog Who Croaked Blue (A. Vatakis & S. Samartzi, Trans.). Athens, Greece: Pedio. (Original work published 2008).
- Herrmann, D. J., Yoder, C. Y., Gruneberg, M., & Payne, D. G. (2010). Applied Cognitive Psychology: A textbook (S. Samartzi & A. Vatakis, Trans.). Athens, Greece: Pedio. (Original work published 2006).

Datasets:

- Vatakis, A., & Sgouramani, H. (2015). A visual dataset of dance steps for behavioral experimentation. figshare. <http://dx.doi.org/10.6084/m9.figshare.1453169>. Retrieved 10:37, Jun 24, 2015 (GMT).

Paper (Peer-Reviewed) Publications:

- Kostaki, M., & Vatakis, A. (submitted). Crossmodal Binding Rivalry: A “race” for integration between unequal sensory inputs. *Vision Research*.
- Tsiami, A., Katsamanis, A., Maragos, P., & Vatakis, A. (submitted). Towards a behaviorally-validated computational audiovisual saliency model. *IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2016)*.
- Tsilionis, E., & Vatakis, A. (accepted). Multisensory binding: Is the contribution of synchrony and semantic congruency obligatory? *Current Opinion in Behavioral Sciences*.
- Vatakis, A., & Pastra, K. (2016). A multimodal dataset of spontaneous speech and movement production on object affordances. *Scientific Data*, 2:150078.
- Vatakis, A., Pastra, K., & Dimitrakis, P. (submitted). Co-speech Exploratory Acts: The interaction of language and active touch in object knowledge acquisition. *Cognition*.

- Indraccolo, A., Spence, C., Vatakis, A., & Harrar, V. (2015). Combined effects of motor response, sensory modality, and stimulus intensity on temporal reproduction. *Experimental Brain Research*.
- Meck, W., Vatakis, A., & van Rijn, H. (2014). Timing & Time Perception Reviews: Opening the door to theoretical discussions of consciousness, decision-making, multisensory processing, time cells and memory mapping ... to name but a few issues of relevance to temporal cognition. *Time & Time Perception Reviews*, **1**, 1-4.
- Vatakis, A. (2014). TIME(ly) is up! Conclusions and New Outlooks on Timing and Time Perception. *Procedia - Social and Behavioral Sciences*, **126**, 1-2.
- Vatakis, A., & Ulrich, R. (2014). Temporal Processing Within and Across Senses. *Acta Psychologica*, **147**, 1.
- Sgouramani, E., & Vatakis, A. (2014). "Flash" Dance: How speed modulates perceived duration in dancers and non-dancers. *Acta Psychologica*, **147**, 17-24.
- Meck, W. H., Vatakis, A., & van Rijn, H. (2013). Timing & time perception enters a new dimension. *Timing & Time Perception*, **1**, 1-2.
- Karametsos, C., Kouskoukis, C., Giannakopoulos, G., Agapidaki, E., Mihas, C., Katsarou, A., Miridakis, C., Vatakis, A., & Kolaitis, G. (2013). A comparison of mental health problems among children with alopecia areata or atopic dermatitis and their parents. *British Journal of Medicine and Medical Research*, **3(1)**, 162-172.
- Vatakis, A., Maragos, P., Rodomagoulakis, I., & Spence, C. (2012). Assessing the effect of physical differences in the articulation of consonants and vowels on audiovisual temporal perception. *Frontiers of Integrative Neuroscience*, **6 (71)**, 1-18.
- Esposito, A., Esposito, M., Giagkou, M., Vatakis, A., & Vinciarelli, A. (2012). On the perception of visual durational speech features: A comparison between native and non-native speakers. *CogInfoCom 2012, 3rd IEEE International Conference on Cognitive Inforcommunications*, Kosice, Slovakia.
- Vatakis, A., & Spence, C. (2011). Enhanced audiovisual temporal sensitivity when viewing videos that appropriately depict the effect of gravity on object movement. In A. Vatakis, A. Esposito, M. Giagkou, F. Cummins, and G. Papadelis (eds.) *Multidisciplinary Aspects of Time and Time Perception*. Springer LNCS/LNAI Proceedings Volume.
- Verriopoulou, D., & Vatakis, A. (2011). Using video games and brain training software to modulate human time perception. *5th European Conference on Games Based Learning*, Athens, Greece.
- Wallraven, C., Schultze, M., Mohler, B., Vatakis, A., & Pastra, K. (2011). The POETICON enacted scenario corpus: A tool for human and computational experiments on action understanding. *9th IEEE Conference on Automatic Face and Gesture Recognition*, art. no. 5771446, pp. 484-491, Santa Barbara, USA.
- Pastra, K., Wallraven, C., Schultze, M., Vatakis, A., & Kaulard, K. (2010). The POETICON corpus: Capturing language use and sensorimotor experience in everyday interaction. *Language Resources and Evaluation (LREC) 2010*, Malta.
- Wallraven, C., Schultze, M., Mohler, B., Volkova, E., Alexandrova, I., Vatakis, A., & Pastra, K. (2010). Understanding objects and actions - A VR experiment. *Language and Speech*, 1-2.

- Vatakis, A., Ghazanfar, A. A., & Spence, C. (2008). Facilitation of multisensory integration by the “unity effect” reveals that speech is special. *Journal of Vision*, **8**(9):14, 1-11.
- Vatakis, A., Portouli, V., & Bekiaris, E. (2008). Investigating the effects of continuous positive airway pressure (CPAP) treatment on driving and attentional performance of patients with sleep impairments. *Proceedings of the 5th International Workshop on Wearable, Micro and Nano Technologies for the Personalised Health, pHealth 2008*.
- Vatakis, A., & Spence, C. (2008). Investigating the effects of inversion on configural processing using an audiovisual temporal order judgment task. *Perception*, **37**, 143-160.
- Vatakis, A., Navarra, J., Soto-Faraco, S., & Spence, C. (2008). Audiovisual temporal adaptation of speech: Temporal order versus simultaneity judgments. *Experimental Brain Research*, **185**, 521-529.
- Vatakis, A., & Spence, C. (2008). Evaluating the influence of the ‘unity assumption’ on the temporal perception of realistic audiovisual stimuli. *Acta Psychologica*, **127**, 12-23.
- Vatakis, A., & Spence, C. (2007). How ‘special’ is the human face? Evidence from an audiovisual temporal order judgment task. *Neuroreport*, **18**, 1807-1811.
- Vatakis, A., & Spence, C. (2007). Crossmodal binding: Evaluating the ‘unity assumption’ using complex audiovisual stimuli. *Proceedings of the 19th International Congress on Acoustics (ICA)*.
- Vatakis, A., & Spence, C. (2007). Crossmodal binding: Evaluating the ‘unity assumption’ using audiovisual speech stimuli. *Perception & Psychophysics*, **69**, 744-756.
- Vatakis, A., Navarra, J., Soto-Faraco, S., & Spence, C. (2007). Temporal recalibration during asynchronous audiovisual speech perception. *Experimental Brain Research*, **181**, 173-181.
- Vatakis, A., Bayliss, L., Zampini, M., & Spence, C. (2007). The influence of synchronous audiovisual distractors on audiovisual temporal order judgments. *Perception & Psychophysics*, **69**, 298-309.
- Vatakis, A., & Spence, C. (2007). Investigating the factors that influence the temporal perception of complex audiovisual events. *Proceedings of the European Cognitive Science 2007 (EuroCogSci07)*, 389-394.
- Vatakis, A., & Spence, C. (2006). Temporal order judgments for audiovisual targets embedded in unimodal and bimodal distractor streams. *Neuroscience Letters*, **408**, 5-9.
- Vatakis, A., & Spence, C. (2006). Audiovisual synchrony perception for music, speech, and object actions. *Brain Research*, **1111**, 134-142.
- Vatakis, A., & Spence, C. (2006). Evaluating the influence of frame rate on the temporal aspects of audiovisual speech perception. *Neuroscience Letters*, **405**, 132-136.
- Vatakis, A., & Spence, C. (2006). Audiovisual synchrony perception for speech and music using a temporal order judgment task. *Neuroscience Letters*, **393**, 40-44.
- Lyons, G., Sanabria, D., Vatakis, A., & Spence, C. (2006). The modulation of crossmodal integration by unimodal perceptual grouping: A visuo-tactile apparent motion study. *Experimental Brain Research*, **174**, 510-516.
- Krekelberg, B., Vatakis, A., & Kourtzi, Z. (2005). Implied motion from form in the human visual cortex. *Journal of Neurophysiology*, **94**, 4373-4386.
- Navarra, J., Vatakis, A., Zampini, M., Soto-Faraco, S., Humphreys, W., & Spence, C. (2005). Exposure to asynchronous audiovisual speech increases the temporal window

for audiovisual integration of non-speech stimuli. *Cognitive Brain Research*, **25**, 499-507.

Strybel, T. Z., & Vatakis, A. (2004). A comparison of auditory and visual apparent motion presented individually and with crossmodal moving distractors. *Perception*, **33**, 1033-1048.

Abstract (Peer-Reviewed) Publications:

Angelaki, S., & Vatakis, A. (2014). The unity effect for non-speech stimuli: A top-down or bottom-up process? *Procedia - Social and Behavioral Sciences*, **126**, 156-157.

Tsilionis, E., & Vatakis, A. (2014). Audiovisual speech integration in the brain: Semantics and temporal synchrony. *Procedia - Social and Behavioral Sciences*, **126**, 160-161.

Kostaki, M., & Vatakis, A. (2014). Crossmodal binding rivalry: An alternative hypothesis for the double flash illusion. *Procedia - Social and Behavioral Sciences*, **126**, 158-159.

Sellis, M., Maragos, P., & Vatakis, A. (2014). Synchrony perception and inverse effectiveness: Are they complementary or contrasting in audiovisual speech integration? *Procedia - Social and Behavioral Sciences*, **126**, 166-167.

Margiotoudi, K., Spencer, K., & Vatakis, A. (2014). Audiovisual temporal integration of speech and gesture. *Procedia - Social and Behavioral Sciences*, **126**, 154-155.

Bakirtzi, V., & Vatakis, A. (2014). The perception of integrated events in Autism Spectrum Disorders: The role of semantic relatedness and timing. *Procedia - Social and Behavioral Sciences*, **126**, 212-213.

Vatakis, A., Sgouramani, E., Gorea, A., Hatzitaki, V., & Pollick, F. E. (2014). Time to act: New perspectives on embodiment and timing. *Procedia - Social and Behavioral Sciences*, **126**, 16-20.

Indraccolo, A., Spence, C., Vatakis, A., & Harrar, V. (2014). The effect of motor response, sensory modality, and intensity on temporal reproduction. *Procedia - Social and Behavioral Sciences*, **126**, 226.

Rouchitsas, A., & Vatakis, A. (2014). Explicit and implicit temporal learning using an action video game. *Procedia - Social and Behavioral Sciences*, **126**, 255-256.

Bakou, A., Margiotoudi, K., Kouroupa, A., & Vatakis, A. (2014). Temporal and sensory experiences in the dreams of sighted and congenital blind individuals. *Procedia - Social and Behavioral Sciences*, **126**, 188-189.

Papavasiliou, P., & Vatakis, A. (2014). Emotional responses to musical intervals with specific acoustical properties and the effect of the induced emotions in duration perception. *Procedia - Social and Behavioral Sciences*, **126**, 237-238.

Vagia, A., Chandridi, G.-A., Orfanidou, E., Vatakis, A. (2014). Is it possible to have a short, leftward past and face a long, rightward future? *Procedia - Social and Behavioral Sciences*, **126**, 174-175.

Sgouramani, H., Muller, C., Van Noorden, L., Leman, M., & Vatakis, A. (2013). Synchronization and continuation during a dance act. *Frontiers in Human Neurosciences*.

Sgouramani, H., Muller, C., Van Noorden, L., Leman, M., & Vatakis, A. (2013). Synchronization and continuation during a dance act. *Frontiers of Human Neuroscience*.

Sgouramani, E., & Vatakis, A. (2013). Alternating speed on dance videos influences duration judgments in dancers and non-dancers. *Multisensory Research*, **26(1)**, 103.

- Vatakis, A., Pastra, K., & Dimitrakis, P. (2012). Acquiring object affordances through touch, vision, and language. *Seeing and Perceiving*, **25**, 64.
- Vatakis, A., & Spence, C. (2012). Assessing audiovisual saliency and visual-information content in the articulation of consonants and vowels on audiovisual temporal perception. *Seeing and Perceiving*, **25**, 29.
- Arvaniti, M., Sagiv N., Lecoutre L., & Vatakis A. (2012). Is A always red? Multisensory integration of synesthetic stimuli in synesthetes and non-synesthetes. *Seeing and Perceiving*, **25**, 83.
- Sgouramani, E., Muller, C., van Noorden, L., Leman, M., & Vatakis, A. (2012). From observation to enactment: Can dance experience enhance multisensory temporal integration? *Seeing and Perceiving*, **25**, 188.
- Vatakis, A. (2011). Current advances and directions on Time perception: Theoretical, Psychophysical, Neuroimaging, and Applied Perspectives. In B. Kokinov, A. Karmiloff-Smith, & N. J. Nersessian (eds.) *European Perspectives on Cognitive Science*. Bulgaria: New Bulgarian University Press.
- Fotiadis, F. A., Protopapas, A., & Vatakis, A. (2011). The effect of cue naming in probabilistic category learning. In B. Kokinov, A. Karmiloff-Smith, & N. J. Nersessian (eds.) *European Perspectives on Cognitive Science*. Bulgaria: New Bulgarian University Press.
- Spence, C., Navarra, J., Vatakis, A., Hartcher-O'Brien, J., & Parise, C. (2009). The multisensory perception of synchrony. *Perception*, **38** (Suppl.), 113.
- Vatakis, A. (2008). Examining the possibility of an acquired deficit in audiovisual temporal perception for speech and musical events. *Annals of General Psychiatry*, **7**(Suppl 1): S137.
- Vatakis, A., Krekelberg, B., & Kourtzi, Z. (2004). Processing of global motion from form cues in the human visual cortex. *Society for Neuroscience Abstracts*, Program No. 301.19, 85.

Greek Paper Publications:

- Sgouramani, H., Vagia, A., & Vatakis, A. (2012). Ο κήπος των αισθήσεων με τα διακλαδωτά μονοπάτια: Ο πόνος ως ξεχωριστή τροπικότητα, αλληλεπιδράσεις με τις λοιπές αισθήσεις και αντιμετώπιση του; [Pain as a separate modality and its interactions with the other senses]. *Σύναψις*, **24**, 46-54.
- Arvaniti, M., & Vatakis, A. (2012). Όταν ο πόνος σου γίνεται και δικός μου: Το φαινόμενο της συναισθησίας πόνου [Pain and synesthesia]. *Σύναψις*, **24**, 55-61.
- Roumani, D., & Vatakis, A. (2011). Τυφλή όραση: Αντιλαμβανόμαστε πάντα αυτό που βλέπουμε; [Blind sight: Do we always perceive what we see?]. *Σύναψις*, **21**, 12-25.
- Argyriou, E., Vatakis, A., Tsoukas, E., Papadelis, G., Eydokimidis, I., & Smyrnis, N. (2010). Χαρακτηριστικά του ακουστικού - κινητικού συγχρονισμού με ισόχρονα ρυθμικά σχήματα [Aspects of auditory-motor synchronization with isochronous rhythmic patterns]. *Proceedings of the Hellenic Acoustic Society*, 435-443.
- Fotiadis, F., & Vatakis, A. (2010). Εξω-Σωματικές Εμπειρίες: Μια Επιστημονική Προσέγγιση στην Σωματική Συνείδηση [Out of body experiences: A scientific approach to bodily consciousness]. *Σύναψις*, **19**, 16-27.
- Roumani, D., Vatakis, A., & Moutousis, K. (2010). Όταν ο εγκέφαλος προσπαθεί να βγάλει νόημα: η περίπτωση του διοφθάλμιου ανταγωνισμού [When the brain is trying to extract meaning: The case of binocular rivalry]. *Σύναψις*, **11**, 65-74.

- Vatakis, A., & Kourtzi, Z. (2010). Η αντίληψη του προσώπου – Είναι γνωσιακά διαπερατή; [Face perception – Is it cognitively penetrable?]. *Νόησης*, **6**, 99-105.
- Vatakis, A. (2008). Οπτικοακουστική Αντίληψη του Χρόνου [Audiovisual temporal perception]. *Σύναμις*, **4**, 65-74.

Talks & Poster Presentations:

Talks:

- Sgouramani, E., & Vatakis, A. (2015). Backwards and forwards...in time: The effect of looming and receding dance steps on perceived duration. Talk presented at the *16th International Multisensory Research Forum*, June 13-16, Pisa, Italy.
- Sgouramani, E., & Vatakis, A. (2015). The timing of dance and the dance of timing. Talk presented at the *Cut and Paste: Dance Advocacy in the Age of Austerity*, June 4-7, Athens, Greece.
- Vatakis, A. (2014). Time in mental activity. Invited talk at the *ESOF2014*, June 23, Copenhagen, Denmark.
- Vatakis, A. (2014). Timing and the senses in complex events. Invited seminar at the *Centre for the Study of the Senses, University of London*, May 8, London, UK.
- Sgouramani, E., & Vatakis, A. (2014). “While we dance...”: The effects of expertise, space, speed, and prediction on duration judgments. Invited talk presented at the *International Conference on Timing and Time perception*, March 31-April 3, Corfu, Greece.
- Vatakis, A. (2013). Synchronizing my lips with my voice. Invited talk at the *Speech and Time Talk Series at Aiginition Hospital*, Athens, Greece.
- Vatakis, A., & Maniadakis, M. (2013). Timing in humans and robots. Invited tutorial presented at the *Joint ROBOTDOC and POETICON++ Spring School on Developmental Robotics and Cognitive Bootstrapping*, 18-20 March, Athens, Greece.
- Sgouramani, E., & Vatakis, A. (2013). Alternating speed on dance videos influences duration judgments in dancers and non-dancers. Talk presented at the *14th International Multisensory Research Forum (IMRF)*, 3-6 June, Jerusalem, Israel.
- Sgouramani, E., & Vatakis, A. (2013). The influence of speed on duration estimation in dancers and non-dancers. Talk included in the symposium “Time in perception: Binocular rivalry-temporal distortions”, *14th Conference of the Hellenic Psychological Society*, 15-19 May 2013, Alexandroupoli, Greece.
- Vatakis, A., Pastra, K., & Dimitrakis, P. (2012). Acquiring object affordances through touch, vision, and language. Talk presented at the *13th International Multisensory Research Forum*, 19-22 June, Oxford, UK.
- Sgouramani, E., Muller, C., van Noorden, L., Leman, M., & Vatakis, A. (2012). In search of lost time: Does dance experience enhance time perception on audiovisual asynchronies and whole-body synchronization-continuation? Invited talk presented at the *Institute for Psychoacoustics and Electronic Music (IPEM)*, 23 February, Ghent University, Belgium.
- Vatakis, A. (2012). Η χρονική αντίληψη πολυαισθητηριακών ερεθισμάτων [Time perception for multisensory stimuli]. Invited talk at the *Symposium of Science and art-Science & Art: Time as the 4th dimension* organized by the Hellenic Society of Physics and Charokopeio University, January 20-22, Athens, Greece.

- Vatakis, A. (2011). Improving literacy by engaging the senses. Invited talk presented at the *Eugenidio Foundation*, November 19th, Athens, Greece.
- Vatakis, A. (2011). Temporal recalibration: Asynchronous audiovisual speech exposure extends the temporal window of multisensory integration. Talk presented at the EBBS2011 Satellite Meeting “Neurobiology of Time: From Normality to Dysfunction”, Seville, Spain.
- Vatakis, A. (2011). Οπτικοακουστική χρονική ευαισθησία και η επίδραση της βαρύτητας στις κινήσεις αντικείμενων [Audiovisual temporal sensitivity and the effect of gravity of moving objects]. Talk presented at the 13th *Hellenic Conference of Psychological Research*, Athens, Greece.
- Vatakis, A., Pastra, K., & Dimitrakis, P. (2011). Ανακαλύπτοντας τον ορισμό ενός αντικείμενου και τις δυνατότητες χρήσης του (affordances) μέσω της γλώσσας [Uncovering the definition of an object and its affordances through language]. Talk presented at the 13th *Hellenic Conference of Psychological Research*, Athens, Greece.
- Vatakis, A. (2010). Audiovisual temporal perception and integration: Acquired deficits in audiovisual temporal perception for complex stimuli. Talk presented at the “Time and Cognition: From behavioral studies to brain imaging” Symposium at the International Neuropsychological Society (INS), June 30-July 3, Krakow, Poland.
- Vatakis, A. (2010). Time in mental activity: theoretical, behavioral, bioimaging, and clinical perspectives. Invited talk presented at the 3rd *COST 2102 International Training School*, 15-17 March, Caserta, Italy.
- Vatakis, A. (2009). The concept of psychological time and the case of audiovisual temporal perception. Invited talk presented at the *ESF SCSS Exploratory Workshop: Qualities in Perception Science*, 2-6 November, Rovereto, Italy.
- Spence, C., Navarra, J., Vatakis, A., Hartcher-O’Brien, J., & Parise, C. (2009). The multisensory perception of synchrony. Talk presented at the *Symposium: Multisensory Integration at the 32nd European Conference on Visual Perception (ECPV)*, August 24-28, Regensburg, Germany.
- Vatakis, A. (2008). Asynchronous audiovisual speech exposure extends the temporal window of multisensory integration. Paper presented at the 2nd *Annual Meeting of the Hellenic Society for Neuroscience*, October 16-19, Athens, Greece.
- Vatakis, A. (2008). Η αντίληψη του χρόνου στην πειραματική ψυχολογία [Temporal perception in Experimental Psychology: An overview]. Invited talk at the ‘*A symposium on Time*’, September 12-14, Kozani, Greece.
- Vatakis, A. (2008). Time perception: A multidisciplinary approach. Invited talk presented at the *POETICON 2nd Technical Meeting*, Collaboration Activities, July 7-8, Athens, Greece.
- Vatakis, A. (2008). Investigating temporal perception in infants using complex stimuli. Paper presented at the 13th *International Conference of the Association of Psychology and Psychiatry for Adults and Children (A.P.P.A.C.)*, May 20-23, Athens, Greece.
- Vatakis, A., & Spence, C. (2007). Investigating the factors that influence the temporal perception of complex audiovisual events. Paper presented at the 2nd *European Cognitive Science 2007 Conference (EuroCogSci07)*, May 23-27, Delphi, Greece.
- Vatakis, A. (2006). Synchrony perception and temporal recalibration of complex audiovisual stimuli. Invited talk presented on Oct. 31st at the *Department of Biological*

- Psychology and Neuropsychology, University of Hamburg, Research Group-Dr. Brigitte Roeder, Hamburg, Germany.*
- Vatakis, A. (2006). Temporal perception of audiovisual speech stimuli. Invited talk presented on *Sept. 13th at the REVES Research Group-Dr. George Drettakis, INRIA Sophia-Antipolis, France.*
- Vatakis, A., & Spence, C. (2006). Factors modulating the temporal perception of audiovisual speech stimuli. Paper presented at the *7th Annual Meeting of the International Multisensory Research Forum, June 18-21, Dublin, Ireland.*
- Sanabria, D., Lyons, G., Vatakis, A., & Spence, C. (2006). Perceptual grouping and hand posture effects on crossmodal interactions. *Experimental Psychology Meeting, April 10-12, Birmingham, UK.*
- Vatakis, A. (2005). Audiovisual synchrony perception for complex stimuli. Paper presented at the *2nd year Graduate Student Presentations, Department of Experimental Psychology, University of Oxford, Oxford, UK.*
- Vatakis, A. (2005). Audiovisual synchrony perception for complex stimuli: How ‘special’ is speech? Invited talk presented on *May 25th at St. Edmund Hall College, University of Oxford, UK.*
- Kourtzi, Z., Vatakis, A., & Krekelberg, B. (2005). Global motion from form in the human visual cortex. Paper presented at the *Annual Meeting of the Vision Sciences Society, Sarasota, Florida.*
- Vatakis, A., & Strybel, T.Z. (2003). Auditory and visual apparent motion with crossmodal moving distractors. Paper presented at the *Spring Meeting of the Western Psychological Association, Vancouver, B.C.*
- Posters:**
- Bakirtzi, V., & Vatakis, A. (2015). Multisensory integration in Autism Spectrum Disorders: Impaired binding or impaired timing? Poster presented at the *16th International Multisensory Research Forum, June 13-16, Pisa, Italy.*
- Chandridi, G.-A., & Vatakis, A. (2015). Time loading... The effects of attentional load on duration judgments. Poster presented at the *16th International Multisensory Research Forum, June 13-16, Pisa, Italy.*
- Sellis, M., Beskow, J., Salvi, G., & Vatakis, A. (2015). Multisensory gain: A linear inverse or inverted U pattern? Poster presented at the *16th International Multisensory Research Forum, June 13-16, Pisa, Italy.*
- Tsilionis, E., & Vatakis, A. (2015). The effect of semantics in audiovisual speech synchrony perception. Poster presented at the *16th International Multisensory Research Forum, June 13-16, Pisa, Italy.*
- Vatakis, A., Pastra, K., & Dimitrakis, P. (2014). Exploratory Acts for the Acquisition of Object Knowledge. Poster presented at the *4th Jointed IEEE International Conference on Development and Learning and on Epigenetic Robotics (IEEE ICDL-EPIROB 2014), 13-16 October, Genoa, IT.*
- Vatakis, A., Pastra, K., & Dimitrakis, P. (2014). Acquisition of object knowledge through Exploratory Acts. Poster presented at the *15th International Multisensory Research Forum (IMRF), 11-14 June, Amsterdam, NL.*
- Sellis, M., Beskow, J., Salvi, G., & Vatakis, A. (2014). Multisensory gain: A linear inverse or inverted U pattern? Poster presented at the *15th International Multisensory Research Forum (IMRF), 11-14 June, Amsterdam, NL.*

- Sgouramani, H., & Vatakis, A. (2014). Move still: A direct comparison of real and implied motion in duration perception. Poster presented at the *15th International Multisensory Research Forum (IMRF)*, 11-14 June, Amsterdam, NL.
- Kostaki, M., & Vatakis, A. (2014). Could the unequal number of sensory inputs lead to a crossmodal binding rivalry? Poster presented at the *15th International Multisensory Research Forum (IMRF)*, 11-14 June, Amsterdam, NL.
- Kostaki, M., & Vatakis, A. (2014). Crossmodal binding rivalry: An alternative hypothesis for the double flash illusion. Poster presented at the *International Conference on Timing and Time perception*, March 31-April 3, Corfu, Greece.
- Sellis, M., Maragos, P., & Vatakis, A. (2014). Synchrony perception and inverse effectiveness: Are they complementary or contrasting in audiovisual speech integration? Poster presented at the *International Conference on Timing and Time perception*, March 31-April 3, Corfu, Greece.
- Vagia, A., Chandridi, G., Orfanidou, E., & Vatakis, A. (2014). Is it possible to have a short, leftward past and face a long, rightward future? Poster presented at the *International Conference on Timing and Time perception*, March 31-April 3, Corfu, Greece.
- Tsilionis, E., & Vatakis, A. (2014). Audiovisual speech integration in the brain: semantics and temporal synchrony. Poster presented at the *International Conference on Timing and Time perception*, March 31-April 3, Corfu, Greece.
- Rouchitsas, A., & Vatakis, A. (2014). Explicit and implicit temporal learning using an action video game. Poster presented at the *International Conference on Timing and Time perception*, March 31-April 3, Corfu, Greece.
- Papavasiliou, P., & Vatakis, A. (2014). Emotional responses to musical intervals with specific acoustical properties and the effect of the induced emotions in duration perception. Poster presented at the *International Conference on Timing and Time perception*, March 31-April 3, Corfu, Greece.
- Angelaki, S., & Vatakis, A. (2014). The “unity effect” for non-speech stimuli: A top-down or bottom-up process? Poster presented at the *International Conference on Timing and Time perception*, March 31-April 3, Corfu, Greece.
- Sgouramani, H., Muller, C., Van Noorden, L., Leman, M., & Vatakis, A. (2013). Synchronization and continuation during a dance act. Poster presented at the *14th Rhythm Production and Perception Workshop*, 11-13th September, Birmingham, UK.
- Sgouramani, E., & Vatakis, A. (2013). Does speed modulate perceived duration in dancers and non-dancers? Poster presented at the *International Interdisciplinary Summer School Embodied Inter-subjectivity the 1st-person & the 2nd-person Perspective*, 9-15 June, Aegina, Greece.
- Sgouramani, E., Muller, C., van Noorden, L., Leman, M., & Vatakis, A. (2013). Does dance experience enhance audiovisual temporal integration? Poster presented at the *4th Conference of Hellenic Cognitive Science Society*, 6-8 June, Athens, Greece.
- Sgouramani, E., & Vatakis, A. (2013). The effect of fast and slow dance videos on dancers and non-dancers' time estimation. Poster presented at the *4th Conference of Hellenic Cognitive Science Society*, 6-8 June, Athens, Greece.
- Arvaniti, M., Sagiv N., Lecoutre L., & Vatakis A. (2012). When a letter is a colour: Audiovisual integration of crossmodal correspondences and synesthetic grapheme-

- colour associations. Poster presented at *TIMELY Workshop on Temporal Processing Within and Across Senses*, 4-5 October, Tübingen, Germany.
- Sgouramani, E., & Vatakis, A. (2012). Time goes fast: How speed modulates perceived duration in dancers and non-dancers. Poster presented at the *TIMELY Workshop on Temporal Processing Within and Across Senses*, 4-5 October, Tübingen, Germany.
- Vatakis, A., & Spence, C. (2012). Assessing audiovisual saliency and visual-information content in the articulation of consonants and vowels on audiovisual temporal perception. Poster presented at the *13th International Multisensory Research Forum*, 19-22 June, Oxford, UK.
- Arvaniti, M., Sagiv N., Lecoutre L., & Vatakis A. (2012). Is A always red? Multisensory integration of synesthetic stimuli in synesthetes and non-synesthetes. Poster presented at the *13th International Multisensory Research Forum*, 19-22 June, Oxford, UK.
- Sgouramani, E., Muller, C., van Noorden, L., Leman, M., & Vatakis, A. (2012). From observation to enactment: Can dance experience enhance multisensory temporal integration? Poster presented at the *13th International Multisensory Research Forum (IMRF)*, 19-22 June, Oxford, UK.
- Sgouramani, E., Muller, C., van Noorden, L., Leman, M., & Vatakis, A. (2012). How do dance experience and actual enactment of the stimulus affect audiovisual temporal integration? Poster presented at the *International Workshop on Joint Action, Models of Music and Movement Interactions in Time (JAMMMIT)*, 12 - 13 June, Ghent, Belgium.
- Verriopoulou, D., & Vatakis, A. (2011). Using video games and brain training software to modulate human time perception. Poster presented at the *5th European Conference on Games Based Learning*, 20-21 October, Athens, Greece.
- Bakou, E., Margiotoudi, K., & Vatakis, A. (2011). Μια σύγκριση της πολυαισθητηριακής γλώσσας των ονείρων από αναφορές βλεπόντων και τυφλών ατόμων [Comparing the multisensory language used in the dreams of blind and sighted individuals]. Poster presented at the *13th Hellenic Conference of Psychological Research*, Athens, Greece.
- Margiotoudi, K., Bakou, E., & Vatakis, A. (2011). Ο χρόνος στη γλώσσα των ονείρων [Time in the language of dreams]. Poster presented at the *13th Hellenic Conference of Psychological Research*, Athens, Greece.
- Verriopoulou, N., & Vatakis, A. (2011). Διαμόρφωση της χρονικής αντίληψης μέσα από την ενασχόληση με βιντεοπαιχνίδια και λογισμικών νοητικής άσκησης [Modulating time perception through training with video games and brain training software]. Poster presented at the *13th Hellenic Conference of Psychological Research*, Athens, Greece.
- Verriopoulou, N., & Vatakis, A. (2011). Modulating time perception through training with video games and brain training software. Poster presented at the *TIMELY Training School*, Groningen, Netherlands.
- Vatakis, A. (2008). Temporal perception of audiovisual speech and non-speech stimuli. Poster presented at the PROUST, SSA “*The temporal dimension of functional genomics*” (LSSG-CT-2006-037654), Conference: “*GENES AT WORK ON TIME*”, October 15-18, Turin, Italy.
- Vatakis, A. (2008). Διερεύνηση της αντίληψης του χρόνου σε βρέφη χρησιμοποιώντας σύνθετα οπτικοακουστικά ερεθίσματα. Poster presented at the *1st National Conference of Developmental Psychology in Greece 2008, May 29-June 1*, Athens, Greece.
- Vatakis, A., Portouli, V., & Bekiaris, E. (2008). Investigating the effects of continuous positive airway pressure (CPAP) treatment on driving and attentional performance of

- patients with sleep impairments. Poster presented at the *5th International Workshop on Wearable, Micro and Nano Technologies for the Personalised Health, pHealth 2008, "From Research into Practice"*, May 21-23, Valencia, Spain.
- Vatakis, A., & Spence, C. (2007). Crossmodal binding: Evaluating the 'unity assumption' using complex audiovisual stimuli. Poster presented at the *19th International Congress on Acoustics (ICA)*, September 2-7, Madrid, Spain.
- Vatakis, A. (2007). Examining the possibility of an acquired deficit in audiovisual temporal perception for speech and musical events. Poster presented at the *3rd International Congress on Brain and Behavior and 16th Thessaloniki Conference of the South-East European Society for Neurology and Psychiatry*, Nov. 28-Dec.2, Thessaloniki, Greece.
- Vatakis, A., & Spence, C. (2007). An assessment of the effect of physical differences in the articulation of consonants and vowels on audiovisual temporal perception. Poster presented at the *One-day meeting for young speech researchers*, University College London, London, UK.
- Vatakis, A., & Spence, C. (2006). The influence of synchronous audiovisual distractors on audiovisual temporal order judgments. Poster presented at the *Annual Autumn School in Cognitive Neuroscience*, Oxford, UK.
- Vatakis, A., & Spence, C. (2005). Audiovisual synchrony perception for complex stimuli: How 'special' is speech? Poster presented at the *6th Annual Meeting of the International Multisensory Research Forum*, Rovereto, Italy.
- Navarra, J., Vatakis, A., Zampini, M., Soto-Faraco, S., & Spence, C. (2005). Exposure to asynchronous audiovisual speech extends the temporal window for audiovisual integration. Poster presented at the *6th Annual Meeting of the International Multisensory Research Forum*, Rovereto, Italy.
- Zvyagintsev, M., Menning, H., Swirszcz, K., Vatakis, A., Kourtzi, Z., & Mathiak, K. (2005). Audio-visual perception of self-induced apparent motion. Poster presented at the *8th Perception Meeting*, Tuebingen, Germany.
- Strybel, T. Z., & Vatakis, A. (2004). Effect of crossmodal distractors on auditory and visual apparent motion presented in the periphery. Poster presented at the *45th Annual Meeting of the Psychonomic Society*, Minneapolis, Minnesota.
- Vatakis, A., Krekelberg, B., & Kourtzi, Z. (2004). Processing of global motion from form cues in the human visual cortex. Poster presented at the *Annual Meeting of the Society for Neuroscience*, San Diego, CA.
- Maxfield, L., Juroe, M., Reece, N., Vatakis, A., & Wright, C. (2004). Enhancing prospective memory with enactment and social motivation. Poster presented at the *84th Annual Convention of the Western Psychological Association*, Phoenix, AZ.
- Vatakis, A., & Strybel, T. Z. (2003). Auditory and visual apparent motion in the presence of moving and nonmoving cross modal distractors. Poster presented at the *44th Annual Meeting of the Psychonomic Society*, Vancouver, B.C.

Clinical Setting Experience:

Employment Specialist, CSU Long Beach, Center for Career Studies, USA, 2002-04

Substance Abuse Counselor, Southern California Alcohol & Drug Programs, Downey, USA, 2002

Career Services Specialist, City of Westminster, USA, 2001-02

Summer Youth Counselor, City of Westminster, USA, 2001

Intern-Certified Domestic Violence Counselor, Su Casa Family Crisis & Support Center, Long Beach, USA, 1997-99

Volunteer Student Assistant, Long Beach Community Hospital, Department of Mental Health, USA, 1995-96

Relevant Work Experience:

Managing the publishing line of Experimental Psychology for the publishing house “Pedio” [www.pediobooks.gr].

Website administrator for the publishing company “Κοινός Τόπος” for the journal “Σύναψις” (Collective journal for Psychiatry-Psychology-Neuroscience-Philosophy; www.sinapsis.gr).

Graduate Student Marker for Undergraduate Psychology Admissions, University of Oxford, UK, 2004-07

Graduate Assistant, *Visual Search Practicum*, University of Oxford, UK, 2004

Graduate Student Intern, Boeing Corp., Phantom Works, Long Beach, USA, 2003-04

Relevant Certifications, Workshops, Coursework, & Exhibitions:

Coursera Verified Certification:

- 7-week course: What a plant knows (and other things you didn't know about plants), Tel Aviv University, 2014-15 (coursera.org/verify/HXV828DDGW)

Graduate Skills Course, Medical Sciences Division's Skills Training Programme, University of Oxford, UK, January 2007

Funded by: Medical Sciences Division, University of Oxford

Good practice in citation and the avoidance of plagiarism, Certification course

UK GRAD School, Medical Sciences Division's Skills Training Programme, University of Oxford, UK, March 2006

Personal Development for Graduates and Post-docs, 4-day Graduate course

Funded by: Medical Sciences Division, University of Oxford

Interdisciplinary Center for Neural Computation (ICNC), Hebrew University of Jerusalem, Israel, February 2006

Changing your mind about the brain, 2-week Course & Workshop

Funded by: European Union Improving Human Potential Programme

Preparing Future Faculty (PFF) in Psychology Initiative, Association of American Colleges and Universities (AAC&U) & Council of Graduate Schools (CGS), September 2004

Preparing Future Faculty in Psychology, University of New Hampshire, GRAD980 Course

Funded by: American Psychological Association (APA)

Languages:

English – native language; speak fluently and read/write with high proficiency

Greek – native language; speak fluently and read/write with high proficiency

Peer-Reviewing:

Peer-reviewing journal articles on an *ad-hoc* basis for the following journals:

Proceedings of the Royal Society B: Biological Sciences, Journal of Cognitive Neuroscience, Perception & Psychophysics, PLoS ONE, Vision Research, Perception, Journal of Speech, Language, and Hearing Research, Experimental Brain Research, Medical Science Monitor, Proceedings of the European Cognitive Sciences 2005-08, Journal of Vision, Brain Research, Attention, Perception, & Psychophysics, Restorative Neurology and Neuroscience, Journal of Experimental Psychology: Human Perception and Performance, Cognition, Cerebral Cortex, Speech Communication, PLOS Computational Biology, Acta Psychologica, Journal of Experimental Psychology.

IT & Other Skills/Experiences

Certified fMRI scanner operator; Driving simulator experience, Eye-tracker systems, & PC/Mac skills.

European Computer Driving License (ECDL) Certification.

Advanced European Computer Driving License (AECDL) Certification - Advanced Presentations

Programming languages: Presentation, Visual Basic, MATLAB, OpenSesame.

MS Office-Word, Works, Excel, Visio, Power Point, Front Page, Access, Publisher, and Outlook, Smart Draw, BrainVoyager 2000, SPSS, 3DS MAX, Graph Pad, EndNote, NeuroLucida, VSearch (Mac), I-Web (Mac), I-Maker (Mac), Adobe- Premier 6.0, Audition, After-Effects and Creative Suite, Sony Vegas, PRAAT, Transcriber, Callisto, Anvil, ELAN, Audacity.