

Petros A. M. Gelepithis, PhD, FCybS



Positions, Research

Director and Chair of the postgraduate programme in Artificial Intelligence (1987-1991); Principal Lecturer (personal Chair) of Artificial Intelligence, Kingston University London (1988-2005); Visiting Scientist, Department of Experimental Psychology, University of Oxford (1990-1991); Director of the Cognitive Science Laboratory (2001-2005), and member of the Research Degrees Committee (MPhil, PhD) Kingston University London (1994-2005).

Visiting professor at: Shizuoka University, Japan (May-June 2005); National & Kapodistrian University of Athens 2005-06 (Dept. of Philosophy and History of Science); University of Cyprus 2006 (Dept of Informatics); University of Crete 2007-2008 (School of Medicine); University of Oxford 2008-2009 (Faculty of Philosophy Academic Visitor, and elected SCR member of St. Johns's College). Since 2008 he is an adjunct faculty member of the Interdisciplinary Graduated Programme in the Brain & Mind sciences, University of Crete.

Associate of Behavioral and Brain Sciences. He has been, or is, member of: *Cognitive Science Society, British Computer Society, American Association for Artificial Intelligence, Hellenic Society for Artificial Intelligence* (founding member), *British Society for the Advancement of Society, Hellenic Cognitive Science Society.* Elected fellow (1992) and elected member of the Council (2002) of *The Cybernetics Society (FCybS).* Elected member of the Governing Body of the *Hellenic Cognitive Science Society* (2011-2014) and (2022-2025).

Gelepithis' research is on the principles and mechanisms characterising Mind and Modern Human Society. Results of this work have appeared, among others, in *Cybernetica, Behavioral and Brain Sciences, Kybernetes, World Futures*, the 5-volume *Encyclopedia of Information Science and Technology*, the *Oxford University Research Archive, International Journal of Machine Consciousness*, currently known as *Journal of Artificial Intelligence and Consciousness*. Gelepithis' monograph *On the foundations of Psychology and AI* is to be published in 2023 (MIT Press, in review).

Gelepithis has had grants, as Principal Investigator, to the total of € 1.2 million by the EU and the British Government for research and educational projects including the first postgraduate programme in Artificial Intelligence in the UK (1987). He has also received several grants by the British Council and has been Research Fellow of British Telecom in the area of Complex Intelligent Systems.

He is practicing the Public Understanding of Science with talks, articles and interviews primarily in Greece where he presently lives. International symposia Chair and Invited lectures in England, Greece, USA, Cyprus, and Japan. Independent expert for the European Commission since 2003.

Five selected publications

Gelepithis, P. A. M. (1991) The possibility of Machine Intelligence and the impossibility of Human-Machine Communication. *Cybernetica*, XXXIV, No 4, pp 255-268,

Gelepithis, P. A. M. (2003) Criteria and Evaluation of Cognitive Theories. *Behavioral and Brain Sciences*. Vol. 26, No.5, pp 607-609. Cambridge University Press.

Gelepithis, P. A. M. (2009) Outline of a new approach to the nature of mind. Oxford University Research Archive, 42 pages, <http://ora.ouls.ox.ac.uk/objects/uuid:0c28b7df-d3dc-4786-95fd-e6c8886f4341>

Gelepithis, P. A. M. (2014) A Novel Theory of Consciousness. *International Journal of Machine Consciousness*, Vol. 6, No. 2, 125-139. Currently known as *Journal of Artificial Intelligence and Consciousness*. DOI: 10.1142/S1793843014400150.

Gelepithis, P. A. M. (2023). *On the foundations of Psychology and AI*. (MIT Press, in review).

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