CV— Petros A. M. Gelepithis, PhD, FCybS

Research: Unification of AI and Psychology. Foundations of Cognitive Science. Theory of Noémon Systems. Hybrid Planetary Organisation.

Doctoral Thesis: *On the Foundations of Artificial Intelligence and Human Cognition*, Dept of Cybernetics, Brunel University England (1984).

Journals/Archives: Forty single-authored papers in international peer-reviewed journals, including *Behavioral and Brain Sciences* and *Oxford University Research Archive.*

Books:

Unification of Artificial Intelligence and Psychology: Volume One: Foundations. Palgrave Macmillan, Springer Nature Group. October 2024.

Unification of Artificial Intelligence and Psychology: Volume Two: Consequences. Palgrave Macmillan, Springer Nature Group. October 2024.

Humanity at Crossroads: Decision making and Artificial Intelligence. (Planned for November 2025).

Noémon Systems Volume 1: Knowledge Representation, Social and Psychological Impact of Artificial Intelligence (2001 in Greek). Stamoulis Publications, Athens, Hellas.

Other: Chairman of symposia at international conferences and Guest Lectures in England, Greece, USA, Cyprus and Japan.

Translations of part of my research work into Russian and Japanese.

Teaching (1984-2008): Foundations of AI and Cognitive Science (PG and advanced UG level).

Basic education: Mathematics and Theoretical Physics (4-year course), National and Kapodistrian University of Athens, Hellas (Gr).

Positions & Honours:

1984-85: Lecturer, School of Computing and Information Systems, Kingston University London.

1985-86: Senior Lecturer, School of Computing and Information Systems, Kingston University London.

1986-1990: Grant holder and Designer of the 1st MSc programme in AI in the UK.

1987-1991: Director MSc programme in AI. Kingston University London.

1988: Principal Lecturer (tenured), Kingston University London.

1988: Founding member, *Hellenic Society for Artificial Intelligence*.

1990-1991: Visiting Scientist, *Department of Experimental Psychology*, University of Oxford.

1992: Elected fellow, *The Cybernetics Society* (FCybS).

1994-2005: Member, Research Degrees Committee, Kingston University London.

2000-2001: Research Fellow, *Adastral Park BT Headquarters* (Area: Complex Intelligent Systems).

2001-2005: Director Cognitive Science Laboratory, Kingston University London.

2002-2004: Elected Council member, *The Cybernetics Society*, London.

2003-now: Associate, *Behavioral and Brain Sciences*.

2003-now: Independent expert for the *European Commission* (Research Proposals Assessor; Participant, Committees for the Allocation of Research Grants).

2005: *Voluntary* early retirement. Independent Scientist/Scholar since then.
2005-2008: Visiting Professor:
> *History and Philosophy of Science Department*, University of Athens.
> *Computer Science Department*, University of Cyprus.
> *School of Management and Information*, Shizuoka University, Japan.

2008-2009: Academic Visitor, *Faculty of Philosophy*, University of Oxford,
2008-2009: Elected SCR member, *St John's College*, University of Oxford.
2011-2014: Elected Governing Body member, *Hellenic Cognitive Science Society*.
2023-2025: Elected Governing Body member, *Hellenic Cognitive Science Society*.
2008-now: Faculty, Brain and Mind sciences, *School of Medicine*, University of Crete.

Grants: A total of ~1,200,000€ for the period 1986-1991. Funding Bodies: British Government and European Commission for research and educational programs. Several additional grants by the British Council.

Public Engagement with Science: Advancing the Public Engagement with Science via invited talks, articles, interviews, and Social Networking Media posts.

Languages: Greek (mother tongue); English (C2 level); French (B2 level); Spanish (B2 level); Italian (B1 level); Chinese (A1 level).

Personal domain: Gelepithis enjoys travelling, games, really good food and company, music, dancing, and learning languages. He is curious, loves communication and understanding, and often expresses himself by writing poems. Father of a daughter and granddaughter, Petros is interested in the development of a multicultural and multilingual *Earthian Civilisation* on the basis of a *Hybrid, Planetary Organisation*.

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. (2024) *Unification of Artificial Intelligence and Psychology.* Two volumes. *Volume One: Foundations*. *Volume Two: Consequences*. Palgrave Macmillan, Springer Nature Group. October 2024.

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2025.