

Attachment 3: Introduction to the World Artificial Consciousness Association (WACA)

The World Artificial Consciousness Association (WACA) is an international organization dedicated to promoting the research, development, and application of artificial consciousness. The association facilitates global advancements in artificial consciousness technology and theoretical discussion by organizing conferences, seminars, publications, and other academic exchange activities.

I. Organizational Background and Objectives

The World Artificial Consciousness Association aims to unite researchers, engineers, medical professionals, policymakers, and industry leaders from different countries and regions to collectively explore how to leverage Artificial Intelligence (AI) and Artificial Consciousness (AC) technologies to improve human life, particularly in the healthcare sector. Core topics of focus for the association include, but are not limited to, proactive medicine, intelligent diagnosis and treatment, telemedicine, and digital healthcare infrastructure development.

II. Initial Registration Date

April 27, 2024

III. Place of Establishment and Entity Type

Place of Establishment: United Kingdom

Entity Type: Non-Profit Public Benefit Company – UK

IV. Primary Address

61 Bridge Street, Kington, Herefordshire, HR5 3DJ, United Kingdom

V. Nature of Business

58290 - Other software publishing

62012 - Business and domestic software development

62020 - Information technology consultancy activities

94990 - Activities of other membership organizations not elsewhere classified

VI. Main Activities

1. World Conference on Artificial Consciousness

This is one of the association's most important annual events, attracting experts and scholars from around the world. For example, the 2nd Conference in 2024 adopted the theme "Proactive Medicine," emphasizing the role of AI in the integration of traditional and modern medicine, and discussing issues such as population aging and the burden of chronic diseases.

2. Establishment of Professional Committees

The association has established multiple professional committees, such as the Artificial Consciousness Professional Committee, the Proactive Medicine Committee, the AI Innovation and Creation Committee, the Computational Psychology and Cognitive Science Professional Committee, the Artificial Intelligence Law Committee, the Smart Manufacturing Professional Committee, the

Intelligent Economy Professional Committee, and the Ethics and Security Control Committee. Each committee focuses on research and development within its specific field.

3.DIKWP Assessment Standards Committee

Responsible for advancing the standardization of the DIKWP (Data, Information, Knowledge, Wisdom, Purpose) model within the field of artificial consciousness, ensuring the quality and safety of related technologies and products.

4.Award Presentation

To recognize individuals or teams who have made outstanding contributions to the field of artificial consciousness and related areas, the association has established honorary awards such as the "Laozi-Spinoza (DIKWP)" Top Award.

VII. The DIKWP Model

The World Artificial Consciousness Association particularly endorses the DIKWP model proposed by Academician Duan Yucong. This is a cognitive framework used to describe conscious processes. It not only encompasses the traditional DIKW hierarchy (Data, Information, Knowledge, Wisdom) but also adds the dimension of "Purpose/Intent," emphasizing the importance of understanding and simulating human purpose. The DIKWP model is considered one of the key theoretical foundations for constructing more advanced AI systems.

VIII. Social Impact

By hosting various activities and promoting the DIKWP model, the World Artificial Consciousness Association fosters interdisciplinary collaboration and technology transfer, helping to solve many practical problems, such as improving the efficiency of medical services and enhancing patient experience. Simultaneously, the association also emphasizes ethics and social impact, advocating for the responsible use of AI technology to ensure its development aligns with societal moral norms.