



## A new journal for a new era

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## A new journal for a new era

It is with great excitement and anticipation that we introduce the inaugural issue of the *Journal of Psychology and AI*. In this period in history where the pace of technological advancements is rapidly transforming every facet of human life, a journal dedicated to the implications of artificial intelligence (AI) for psychology and human behaviour is not only timely but essential.

Psychology is now able to look back on a fairly long and rich history, having emerged originally as an experimental discipline from the confluence of philosophy and science (Wertheimer & Puente, 2020). Since its birth approximately 150 years ago, the discipline has produced a diverse range of paradigms and applications. Any first-year psychology student nowadays can attest to the breadth of the field, which includes psychoanalytic, behavioural, cognitive, developmental, social, and health psychology, as well as neuroscience, psychophysiology, psychometrics, and many other domains.

In addition to well established areas such as clinical, organisational, educational, and forensic psychology, recent years have given rise to further new sub-disciplines of psychology such as community psychology, coaching psychology, and ecopsychology (Krägeloh et al., 2022). The emergence of these sub-disciplines reflects the growing recognition of the importance of developing theory to understand the role of psychological factors in specific contexts. One psychological sub-discipline to address the profound impact of technology during the past three decades is cyberpsychology (Ancis, 2020). There are also multidisciplinary fields where psychological factors have played a central role such as human-computer interaction. Despite the ubiquity of computer technology in modern times, journals focusing on these topics continue to thrive, continually highlighting novel areas for exploration (Petrick, 2020). Just as personal computers have profoundly shaped our lives and sparked new areas of psychological research, the rapid spread of AI in society is expected to have a similarly transformative impact. AI is already generating passionate discourse in the general public, with discussions on potential doomsday scenarios and utopian visions.

Our aim for the *Journal of Psychology and AI* is to become a leading platform for publishing cutting-edge research exploring the profound ways in which AI intersects with human behaviour, cognition, and emotions. The name of the journal clearly identifies it as a forum for

psychology research, setting it apart from multidisciplinary journals. We seek to publish empirical and conceptual contributions adhering to the highest standards of academic research within the tradition of psychology. As psychology is transcending boundaries across disciplines, it is quite natural for multidisciplinary research teams to be submitting work to this journal. The scope of our journal is broad, reflecting not only the breadth of the discipline of psychology itself but also the potential for expansive applications with wide-reaching impact of AI on human life. Allied disciplines of psychology will therefore find this journal equally relevant.

We eagerly anticipate the evolution of the journal – in terms of the diverse topics our contributors will explore in the coming years. AI technology is reshaping our world, influencing how we interact, think, and perceive our environment. From embodied AI forms like robots to AI's pervasive influence on social behaviours and cognitive processes, our journal will cover a wide range of topics. These include human-AI interaction, AI in psychological assessment, and the integration of AI into psychological practice. We also encourage submissions of studies on the psychological aspects of social robotics, the role of AI in education, and the broader societal impacts of AI on mental health and well-being. We actively promote the development of relevant psychological theories, such as those related to interpersonal interaction and the ways people create meaning or support their personal belief systems with AI. We welcome empirical contributions using quantitative, qualitative, and mixed-method approaches, as well as conceptual contributions that advance hypotheses and theory, and commentaries that inspire robust academic debate.

We are publishing the following article types as we launch this journal:

- (1) *Research Articles*: extensive pieces presenting original research supported by substantial amount of data, offering comprehensive insights into specific intersections of psychology and AI;
- (2) *Brief Reports*: concise original research addressing specific issues or timely research questions with a focused scope;
- (3) *Review Articles*: insightful reviews, including systematic literature reviews, meta-analyses, or state-of-the-art reviews, providing authoritative discussion on latest developments in the field of psychology and AI;
- (4) *Article Commentaries*: focused commentaries on recently published articles, fostering discussions that advance our understanding of AI and psychology;

- (5) *Registered Reports*: articles where methods and proposed analyses are preregistered and reviewed prior to research, ensuring transparency and rigour;
- (6) *Discussion* articles: presenting an **invited** discussion about a specific article or issue of relevance to the journal;
- (7) *Method* articles: descriptions of relevant and novel methods in study design, data collection, or data analysis relevant to the journal's scope;
- (8) *Data Notes*: introductions and descriptions of datasets (without including analyses or conclusions) to promote reuse and thus facilitate further research.

We look forward to receiving high-quality contributions from around the world, especially from regions that have traditionally had fewer opportunities to participate. Together, as a newly emerging research community, let us develop new insights and enhance our understanding of the profound connections between psychology and AI!

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