

International Journal of Digital Media Design

Call for papers: special issue *on Tech-Art and Human-Computer Interaction*,

Deadline: October 31, 2024

The International Journal of Digital Media Design is scheduled to publish a special issue entitled "Tech-Art and Human-Computer Interaction" in March 2025, and we welcome submissions on this topic. The aim of this special issue is to explore how technological development affects the way people interact with media and how it creates new tech-art forms and aesthetic experiences.

Tech-Art is an art form that utilizes new technology as a creative medium, emphasizing the interaction between the participants and the artwork as well as the resulting aesthetic experience. Tech-Art not only changes the passive mode of acceptance of art by the audience to one of active engagement, but it also provides more diversified sensory experiences, increases the aesthetic autonomy of the audience, and expands the plurality of both art creation and interpretation of meaning.

Human-Computer Interaction (HCI) is a multidisciplinary field that combines the knowledge and methods of digital technology, computer science, programming languages, computer vision, design, human factors engineering, cognitive psychology, and so on. The purpose of human-computer interaction is to design user interfaces that are more humanized, efficient, easy to use, and satisfying, and which are able to adapt to various scenarios and needs of their users.

In recent years, emerging topics such as artificial intelligence, meta-universe, Internet of Things, virtual reality, augmented reality, immersive projection, physical media, robotics, cyberspace, and speculative design have begun to emerge, which has led to more and more convergences between human-computer interactions and theories and practices of tech-art. In view of this, the International Journal of Digital Media Design invites research- and practice-oriented papers on the topic of "Tech-Art and Human-Computer Interaction". Please refer to the journal's website for detailed requirements. Submissions are cordially invited!

In 2021, International Journal of Digital Media Design has included in the list of Taiwan Humanities Core Index (THCI). Manuscripts are subject to double-blind review by domestic and foreign scholars, and are accepted in both English and Chinese. All papers related to the science, theory, technology, culture, teaching and research, art

creation of digital media design are welcome.

Please refer to the website of the Taiwan Association of Digital Media Design (<http://www.dmd.org.tw>) for the rules and format of the submission.

Submissions will be reviewed in order they are submitted, and a publication fee of NT\$5,000 (NT\$3,000 for current members) will be charged after double-blind review. For new members who are joining independently, the NT\$5,000 includes the annual membership fee of NT\$2,000 and the publication fee of NT\$3,000.

Please fill out the membership application form and mail or e-mail it to the Secretariat with receipts in order to best facilitate the filing of information.

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Deadline for paper submission: October 31, 2024

This Issue is scheduled to publish: April 2025

《IJDM 國際數位媒體設計學刊》

特刊徵稿主題：**科技藝術與人機互動專題**。稿件以隨到隨審為原則，最後投稿時間為 2024 年 10 月 31 日。

國際數位媒體設計學刊預計於 2025 年 3 月出版「科技藝術與人機互動」專題，歡迎投稿相關主題的論文。本專題旨在探討科技發展如何影響人與媒介之間的互動方式，以及如何創造出新的科技藝術形式和美學經驗。

科技藝術（Tech-Art）是一種利用新科技作為創作媒介的藝術形式，強調參與者與作品之間的互動性，以及由此產生的美感經驗。科技藝術不僅改變了觀者對藝術的被動接受模式，也提供了更多樣的感官體驗，增加觀眾的審美自主性，並拓展藝術創作與意義解讀的多元性。

人機互動（Human-Computer Interaction）是一門跨學科的領域，涉及數位技術、電腦科學、程式語言、電腦視覺、設計學、人因工程、認知心理學等多方面的知識和方法。人機互動的目的是設計出更具人性化、高效率、易用性和滿意度的使用者介面，以適應不同場景和需求的使用者。

近幾年，人工智慧、元宇宙、物聯網、虛擬實境、擴增實境、沉浸式投影、實體媒介、機器人、賽博空間、推測設計等新興議題不斷出現，這使科技藝術與人機互動的理論與實踐開始有越來越多的交集。有鑒於此，國際數位媒體設計學刊特以「科技藝術與人機互動」為題，廣徵研究或實踐型等各類型論文。詳細要求請參見本刊網站。誠邀各界投稿！

2021 年 IJDM 國際數位媒體設計學刊經國科會期刊評比通過藝術學第二級期刊 (Taiwan Humanities Citation Index, 簡稱 THCI 核心期刊)，收錄於「臺灣人文及社會科學期刊評比暨核心期刊」期刊名單。投稿稿件採國內、外專業學者雙盲審查制(Double-blind Review)，中英文稿件皆可投稿。凡有關數位媒體設計之科技、理論、技術、文化、教學研究、藝術創作論述等相關議題論文，皆歡迎賜稿。投稿相關規定及格式請參考臺灣數位媒體設計學會網站 <http://www.dmd.org.tw>。

投稿採隨到隨審，經雙匿名審查通過後，需繳交刊登費 5,000 元。若加入本學會個人會員，繳交之 5,000 元則包含當年度入會費 2,000 元與刊登費 3,000 元。請填妥會員入會申請表，連同收據郵寄或 E-mail 至秘書處，以利資料建檔。

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投稿截止日期：2024 年 10 月 31 日

預計出版日期：2025 年 4 月