科學教育學刊 2026 特刊徵稿

當代科學傳播的多重面向：跨域對話與公眾參與

在 21 世紀的知識生態中，科學不僅是知識生產與技術進步的基礎，更是文化想像、社會辯論與公共參與的重要場域。隨著全球資訊環境的劇變與數位科技的發展，科學的「傳播」早已超越傳統的媒介管道，轉向多元、跨域、敘事化的實踐樣貌。科學新聞、科普節目與教育活動固然仍為主流形式，但我們亦見證了科學如何深刻滲入小說、電影、漫畫、紀錄片、數位遊戲等文化載體，成為大眾理解世界與形塑未來想像的關鍵元素。

面對日益複雜的社會議題──從氣候變遷、人工智慧、疫病防治到太空探索──公眾對科學的理解與接受程度，直接影響著民主討論的品質與政策決策的正當性。然而，科學傳播的過程並非單向灌輸或知識輸出，而是一場語言、價值與文化意義的交涉。在此脈絡下，科學如何「被傳播」、由誰傳播、透過哪些形式傳播、在什麼語境下被理解與詮釋，都是極需探討的重要課題。

在當代社會，科學知識與科技物不再只透過學術文獻與新聞報導傳遞，而是廣泛地嵌入小說、電影、漫畫、電玩、影集、博物館與其他文化載體中。這些敘事形式不僅塑造了大眾對科學的想像與理解，也重塑了科學的公共面貌與社會角色。

本專題旨在探討當代科學傳播的多元路徑，聚焦於跨界創新、敘事策略與文化實踐，我們歡迎針對科學與科技在小說、影視、漫畫、舞台劇、遊戲等敘事形式中的呈現與影響進行深入探討；也歡迎如傳統大眾媒體、新媒體、博物館等不同傳播管道下，科學、科技的建構與再現、科學與社會的相互形塑之研究。

透過本專題，我們期盼促成科學傳播研究者、文化評論者、媒體實踐者與創作者之間的跨界對話，重思科學在公共領域中的角色與潛力，也為未來科學傳播的可能性開拓新的想像與實踐空間。

本特刊歡迎以下主題（但不侷限於下列主題）

一、 科學專家與大眾傳播媒體／新聞媒體的互動
二、 數位平台、社群媒體與科學科技資訊流動
三、 假訊息、陰謀論與科學懷疑主義

四、 科學教育、公眾參與及科學素養傳播策略
五、 不同類型文本（例如小說、漫畫、戲劇、遊戲等）中的科學意象、科學轉譯、科學再現等敘事分析

重要日期

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Contemporary Journal of Science Education (2026) Special Issue

The Multiple Dimensions of Contemporary Science Communication: Interdisciplinary Dialogue and Public Engagement

In the knowledge ecosystem of the 21st century, science is not only the foundation of knowledge production and technological advancement but also a vital domain for cultural imagination, social debate, and public participation. As the global information environment undergoes rapid transformation and digital technologies continue to evolve, the "communication" of science has long extended beyond traditional media platforms, moving toward diverse, interdisciplinary, and narrative-driven practices. While science news, popular science programs, and educational activities remain core channels, we are also witnessing the deep integration of science into novels, films, comics, documentaries, digital games, and other cultural forms. These narratives have become key vehicles through which the public understands science and imagines the future.

In light of increasingly complex global issues—ranging from climate change and artificial intelligence to epidemic prevention and space exploration—the public's understanding and acceptance of science directly affect the quality of democratic discourse and the legitimacy of policy decisions. However, science communication is not merely a one-way transmission of information or knowledge dissemination. It is a process of negotiation involving language, values, and cultural meanings. Within this context, critical questions arise: How is science communicated? By whom? Through what forms? And how is it interpreted across different social and cultural settings?

In today's society, scientific knowledge and technological artifacts are no longer confined to academic literature or journalistic reporting. They are deeply embedded in novels, films, comics, video games, TV series, museums, and other cultural platforms. These narrative forms not only shape public perceptions and understandings of science but also reconfigure the public image and social roles of science itself.

This special issue aims to explore the diverse pathways of contemporary science communication, with a particular focus on interdisciplinary innovation, narrative strategies, and cultural practices. We welcome in-depth analyses of the representation and impact of science and technology in literary and visual forms—such as fiction, film, comics, theater, and games—as well as studies on how science and technology are constructed and reimagined through traditional media, new digital platforms, museums, and other dissemination channels.

Through this special issue, we hope to foster cross-disciplinary dialogue among science communication scholars, cultural critics, media practitioners, and creators. Our goal is to re-examine the role and potential of science in the public sphere and to open new avenues for imagining and practicing science communication in the future.

Topics of interest include (but are not limited to):

1. Interactions between scientific experts and mass media/news outlets
2. Science and technology communication via digital platforms and social media
3. Misinformation, conspiracy theories, and scientific skepticism
4. Science education, public engagement, and strategies for communicating scientific literacy
5. Narrative analyses of science representation, translation, and storytelling in various media forms (e.g., novels, comics, theater, games)

Important Dates

- **Manuscript Submission Deadline:** January 31, 2026
- **Expected Publication Date:** July 2026

Guest Editor

Prof. Shu-Lin Chiang
Department of Journalism, Chinese Culture University

Submission Guidelines

Please follow the journal's author guidelines for manuscript format and citation style. Submissions may be in either Chinese or English.

Submission Process

All submissions must be made online via the iPress system:
http://www.ipress.tw/J0166
For Chinese-language manuscripts, please add the following note at the end of the title: （投稿 2026 科學傳播特刊）