

# 創新數位設計國際研討會

International Conference on Innovation Digital Design

南臺科技大學

數位設計學院  
College of Digital Design

會議主旨 Theme

## 人工智慧與設計的再脈絡化

AI and the Recontextualization of Design

近年來，人工智慧(Artificial Intelligence, AI)的發展隨著電腦計算能力的提升而突飛猛進，更已開始走出實驗室和菁英商業領域，對人類產生了更廣泛而全面的影響，暗示著「創造」已經不再是人類的專屬能力。在未來可預見的時間裡，以創造力為關鍵能力的設計領域將面臨巨大的衝擊，深層轉型的需求日益迫切。本年度研討會以「人工智慧與設計的再脈絡化」為主軸，鼓勵創意設計相關實踐者與學術工作者共同參與，廣泛地考察人工智慧的多元發展與多層次影響。在科學、技術與社會交織的宏觀脈絡下，深刻地叩問並反思「設計」作為一個知識領域的發展脈絡，進而共同思考可能的未來。

(本文經過ChatGPT編寫)

徵稿議題 Tracks

(A) 數位設計理論與發展  
Theory of Digital Design

人工智慧相關的設計理論與教育、設計運算與認知、數位工具輔助設計與製造、數位設計工具應用與技術研發。

(B) 創新科技發展與應用  
Development and Application of  
Innovation Technology

人工智慧與互動設計、人機互動議題、數位傳播科技的創新與實踐、數位科技新工具對設計產業之影響。

(C) 藝術與文化之數位創作  
Digital Artifact of Art and Culture

數位設計與文化之跨域研究、數位設計及出版之創新議題、數位音樂與流行文化創意、數位視覺藝術與圖像創作、人工智慧對以上議題之影響。

(D) 創新商品設計與實務  
Creative Product Design with Practice

物聯網開發與智慧生活、文化或創新商品設計、設計實務與產學合作、永續綠色設計開發、人工智慧對以上議題之影響。

(E) 科技藝術與影像美學  
Techno Art and Film Aesthetics

科技藝術暨媒體應用、影像傳播、動畫敘事、電影藝術。

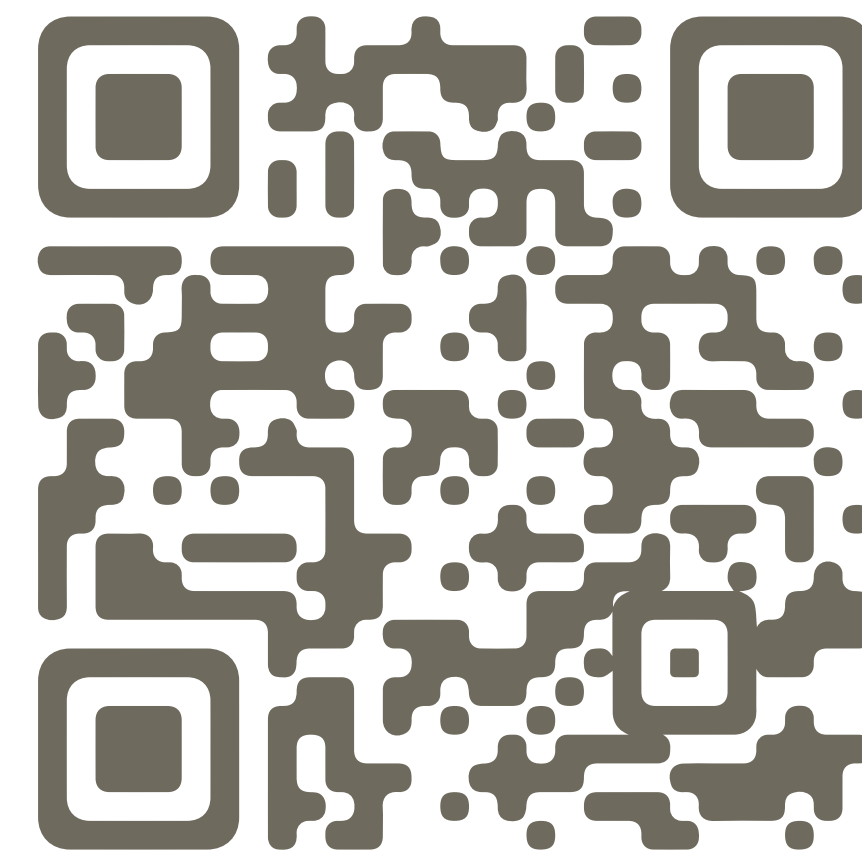
(F) 媒體與設計相關議題  
Media, Design and Communication

人工智慧對媒體、設計與傳播之影響。

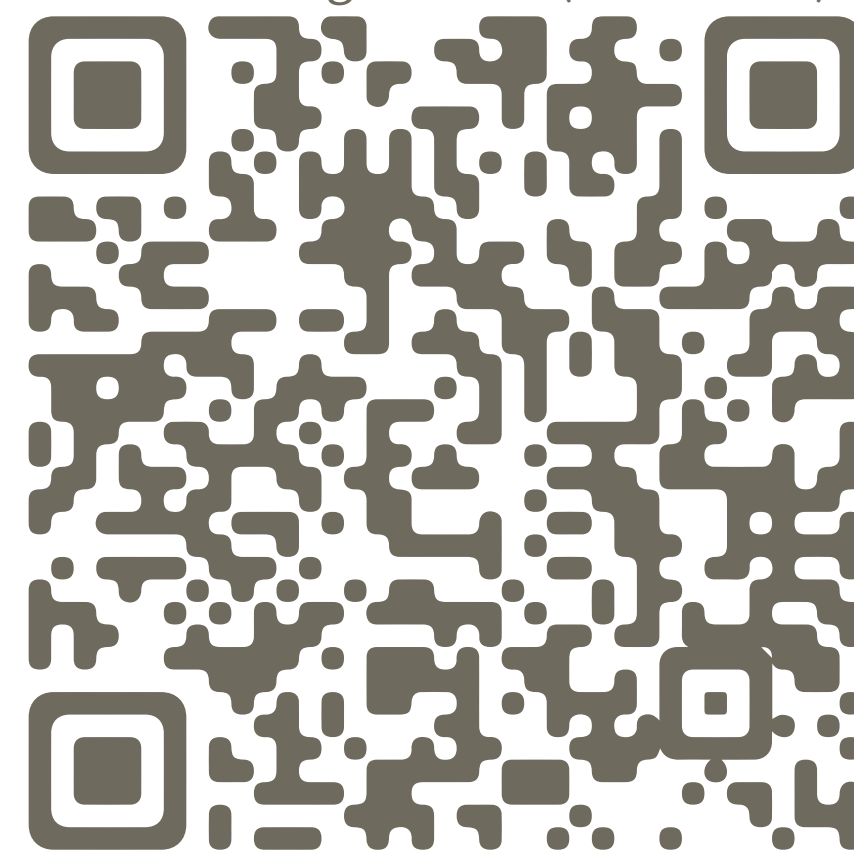
重要日程 Important Dates

摘要投稿截止 Abstract due	2023年3月5日(週日)
摘要審查結果通知 Notification	2023年3月17日(週五)
全文投稿截止 Full due	2023年3月31日(週五)
全文審查結果通知 Notification	2023年4月21日(週五)
全文完稿截止 Camera ready	2023年4月23日(週日)
活動日期 Conference day	2023年5月26日(週五)

官方網站 Conference website



報名參會 Registration (2023.5.5前)



(本圖由Stable Diffusion生成)

Since the 1950s, the development of artificial intelligence (AI) has advanced rapidly with the improvement of computer computing power. In addition to attracting the attention of academic researchers and novelists, important events that occur from time to time also catch the attention of the general public. In recent years, AI has begun to move out of the laboratory and into the broader world, having a wider and more comprehensive impact on people. In the field of art and design, AI has also shown some thought-provoking phenomena. For example, in February 2022, the United States Copyright Office rejected Steven Thaler's application on the grounds that the developed AI algorithm lacked human authorship. In August of the same year, the image "Theatre D'opera Spatial" generated by game designer Jason M. Allen using the AI service Midjourney won the first prize in the art competition of the annual Colorado State Fair. These events suggest that "creation" is no longer the exclusive ability of humans. In the foreseeable future, the field of design, where creativity is key, will face a huge impact, and the need for deep transformation is increasingly urgent.

This year's conference focuses on "Artificial Intelligence and the Recontextualization of Design," encouraging practitioners and academics related to creative design to participate together and extensively examining the diverse development and multi-level influence of AI. In the context of the interweaving of science, technology, and society, we will deeply inquire and reflect on the development of "design" as a field of knowledge and then jointly think about the possible future.

(Text translated with Google translation and revised with ChatGPT of Open AI; background image generated with Midjourney.)

指導單位：教育部、國科會

主辦單位：南臺科技大學、數位設計學院

承辦單位：創新產品設計系