



徵稿公告

AI（人工智慧，Artificial Intelligence）時代已然來臨，勢不可遏。轉變與機運隨之而來，如何順時而動、應勢而為，發展因應之道，培養科學與人文素養，以及參與複雜議題的智慧與能力，正是當代科學教育領域的重要課題。承此，第40屆科學教育國際學術研討會（ASET 2024）以「面向 AI 世代的科學教育」為主題，期望以人工智慧時代下的跨領域社會性科學議題（Socio-Scientific Issues，SSI）為主軸，以多元研討形式從多面向切入討論，共同探討科學教育如何面對與因應人工智慧帶來的影響。

本次會議徵稿主題可包含但不限於以下廣泛的科學教育與人工智慧相關議題：

- 人工智慧與科學教育（Artificial Intelligence and Science Education）
- 科學教育中的社會性科學議題（Socio-Scientific Issues in Science Education）
- 環境與永續科學教育（Environmental and Sustainability Science Education）
- 科學教育中的科學史、科學哲學、與個人知識論（History/Philosophy of Science, and Personal Epistemology in Science Education）
- STEM 與新興科技教育（STEM, and Emerging Technology Education）
- 大眾科學與科學傳播（Popular science and science communication）

- 科學/數學教學與學習 (Science/Mathematics Teaching and Learning)
- 科學/數學師資培育 (Science/Mathematics Teacher Education)
- 科學/數學課程與評量 (Science/Mathematics Curriculum, Evaluation, and Assessment)
- AI 為基礎的教育科技及數位學習 (AI in Educational Technology and Digital Learning)
- 科學教育中的文化、社會互動和語言 (Culture, Social Interaction and Language in Science Education)
- 科學與數學教育中的神經科學研究 (Neuroscience Research in Science and Mathematics Education)
- 科學傳播與公眾科學素養 (Science Communication and Civic Scientific Literacy)
- 其他相關議題 (Other Related Topics)

ASET 2024 竭誠邀請各界踴躍投稿，共同參與學術交流與討論！



Call For Papers

The advent of Artificial Intelligence (AI) is an undeniable and unstoppable force, bringing about significant changes and opportunities. In response to this transformation, it is imperative to adapt, seize opportunities, develop responsive strategies, and cultivate both scientific and humanistic literacy. Additionally, fostering the intelligence and capabilities required to engage with complex issues has become a crucial challenge in contemporary science education.

The 40th International Conference on Science Education (ASET 2024) is centered on the theme "Science Education for The AI Generation." This conference aims to explore interdisciplinary socio-scientific issues (SSI) in the era of artificial intelligence. Through diverse presentation formats and comprehensive discussions, the conference will focus on how science education can respond to and address the impacts of artificial intelligence.

We invite submissions on a wide range of topics at the intersection of science education and artificial intelligence, including but not limited to the following themes:

- **Artificial Intelligence and Science Education**
- **Socio-Scientific Issues in Science Education**
- **Environmental and Sustainability Science Education**
- **History/Philosophy of Science, and Personal Epistemology in Science Education**

- **STEM, and Emerging Technology Education**
- **Popular Science and Science Communication**
- **Science/Mathematics Teaching and Learning**
- **Science/Mathematics Teacher Education**
- **Science/Mathematics Curriculum, Evaluation, and Assessment**
- **AI in Educational Technology and Digital Learning**
- **Culture, Social Interaction, and Language in Science Education**
- **Neuroscience Research in Science and Mathematics Education**
- **Science Communication and Civic Scientific Literacy**
- **Other Related Topics**

We look forward to receiving your innovative and insightful submissions and to fostering enriching discussions at ASET 2024.