Секция 2

ПРОБЛЕМЫ МУЗЫКАЛЬНОГО ИСКУССТВА НА СОВРЕМЕННОМ ЭТАПЕ

INNOVATIVE APPLICATIONS OF INFORMATION TECHNOLOGY IN THE PRESENTATION OF DANCE ART

Chang Jin Peng,
master's student, VSU named after P.M. Masherov, Vitebsk, Republic of Belarus
Scientific supervisor – Medvetsky A.V., PhD in Art History, Associate Professor

In the digital age, cross - cultural dance exchange thrives. Choreographers from different countries cooperate, mixing dance traditions with technology. This enriches creativity and cross - cultural understanding.

Overall, information technology drives dance's global development, rejuvenating traditional forms and creating new hybrid styles for artists and audiences...

The purpose. Provide more convenient new methods for the teaching and development of Chinese dance.

Materials and methods.

Select representative Chinese dance works and teaching practice cases. For example, the Chinese dance drama «The Eternal Wave» skillfully integrates AR technology. This includes the coordination between the abstract images simulating the transmission of radio waves and the dance movements, as well as the integration of lighting, sound effects with the virtual scenes. All these demonstrate how these technologies enhance the narrative and artistic appeal of the dance, bringing the audience an immersive stage experience [1].

Divide the survey subjects into four groups: dance teachers, students, parents, and dance industry experts.For dance teachers, the questionnaire focuses on the impact of information technology on the innovation of teaching methods and teaching content.For students, the questionnaire focuses on learning experiences, such as their interest in and acceptance of using virtual reality (VR) or augmented reality (AR) technology to assist in dance learning, as well as the frequency and effectiveness of self - learning dance with the help of information technology.

Results and discussion.

Through the dance drama «The Eternal Wave», virtual reality (VR) and augmented reality (AR) technologies can more precisely convey the unique space and timeline that dancers intend to express. They expand the stage space and extend the expressiveness of dance from the real world to the realm of imagination.

Through questionnaires among people at different stages, it is found that people believe that artificial intelligence can generate creative dance movements, bring inspiration to choreographers, make dance works more appealing to the audience, and gain wider recognition.

Through the research on this subject, it is discovered that the Internet and new media platforms have become crucial channels for dance dissemination. Online courses and video sharing have broken through the time - and - space limitations of dance dissemination. Social

media enables dance works to spread rapidly, enhancing their social influence and promoting the popularization of dance culture [2].

Conclusion. By analyzing the innovative applications of information technology in the presentation of dance art, we have drawn the following conclusions.

Innovation in Dance Performance Forms, In the dance drama «The Eternal Wave», it is obvious that information technology has brought about remarkable changes to dance performance forms. Technologies such as VR and AR have broken the spatial limitations of the stage. They can create various virtual scenes, endowing dance with more imagination.

Through a questionnaire survey of dance choreographers, they indicated that artificial intelligence can provide choreographers with a large amount of creative inspiration, and big data can help creators understand audience preferences and market trends. With the help of these technologies, dance works can better meet the tastes of the general public and become more popular.

The article «Making Good Use of Digital Technology to Promote the Innovative Development of Traditional Dance» states: «Utilize new media technologies to strengthen the dissemination of traditional dance. Select appropriate new media platforms, such as Douyin and Kuaishou, to provide convenient dissemination channels for traditional dance. Strengthen network information management, adopt encryption technologies to protect data, safeguard the copyright of traditional dance, and ensure that the disseminated content is positive and healthy.» On social media, dance works can be quickly seen by a large number of people. The influence of dance art in society is increasing day by day, and dance culture is spreading more widely. More and more people are falling in love with dance. Dance art can communicate and integrate globally and is developing more and more prosperously.

Reference list

1. Zhang, Qiong. Making good use of digital technology to promote the innovative development of traditional dance / Zhang Qiong // China People's Daily. – 2023. – 23 Oct. – P. 4.
2. Liu, Jiaqi. Dance Art | The shocking collision of technology and art / Liu Jiaqi // China Hunan Daily. – 2024. – 26 Oct. – P. 3.

THE CONVENIENCE OF MODERN INFORMATION TECHNOLOGY FOR DANCE TRANSMISSION

Du Linqi,
master's student, VSU named after P.M. Masherov, Vitebsk, Republic of Belarus
Scientific supervisor – Medvetsky A.V., PhD in Art History, Associate Professor

In China, modern information technology has made it much easier to spread dance. At present, everyone is keen to brush short videos, such as Tiktok, XiaoHongshu, Kuaishou and other short video software emerge in an endless stream, so that dance has more communication paths, communication methods, communication platforms, so that dance into life, into everyone's heart.

The purpose is to deeply spread dance teaching materials via WeChat Official Accounts and fuel dance interaction on Tiktok. IT broadens reach and boosts engagement.

Materials and methods. The information of well-known Chinese dance bloggers and dance associations was collected, and the transmission data of dance-related content on these two platforms was analyzed in depth from the dimensions of video clicks, fan growth, interactive comments, etc., taking "Uygur dance teaching materials" and "interactive portability" as examples.