

# Overcast-Oriented Technologies as a New Method of Interaction of Cultures in the Field of Higher Musical-Pedagogical Education

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**Abstract.** The article considers the modern information resources and technology as a possible method of interaction in the framework of the "dialogue of cultures" in the musical-educational process. Author discusses the main cloudy-focused technologies that are of interest to the teacher-musician at the University, it is made an overview; the analysis of the most promising services in the work of the teacher-musician is done, the examples of their application in practice are given.

**Keywords:** the dialogue of cultures, cloudy-oriented learning technologies, teacher, musician, lecturer, mobile educational technology, professional musical education, Google services.

The processes of technologization of modern culture and education are increasingly included in the circle of problems of the world scientific community. Digital and music-computer technologies as a phenomenon of modern culture and education are increasingly becoming the subject of research and scientific disputes. Modern researchers are trying to identify the specifics of such technologies, to determine the possibilities and limits of the technologization of musical creativity in modern culture, to consider music and computer technologies as a cultural and civilizational phenomenon, a cultural and translational system and an innovative and creative field of knowledge and creativity. At present, thanks to the scientific and technological revolution, there have been cardinal changes in the communication space in which the interaction of cultures takes place. Today, modern information technologies, including "cloud-oriented" ones, are becoming a new tool for the interaction of cultures and the transmission of knowledge, which is gradually entering the sphere of higher musical and pedagogical education.

Cloud-based technologies have a direct impact on the nature of intercultural dialogue, erasing geographical boundaries and language barriers. In the field of higher education, the issues of applying the "school of the dialogue of cultures" are still quite blurred, although it is in the higher education system that a large number of foreign students fall into the situation of the dialogue of cultures. It is here that the formation of intercultural competencies, students and teachers, teaching tolerance skills, interactions based on intercultural dialogue is one of the important conditions for building relationships with representatives of other cultures. The prospect of using cloud-based, music-computer technologies opens up truly endless possibilities in this area.

Modern cloud technologies allow the teacher-musician to organize his space on the network and ensure communication with any students - participants in the "cultural dialogue". Cloud technologies are rapidly being introduced into educational activities: electronic diaries are kept in most educational institutions, teachers have personal electronic cabinets, personal websites, electronic textbooks are created on various platforms, products are offered that provide the possibility of independent learning (in particular, mobile educational technologies, applications for tablet devices).

The resources of the information and telecommunications network "Internet" have firmly entered the field of educational and methodological support of the educational process in the field of higher musical and pedagogical education. In particular, electronic catalogs, electronic library systems (ELS "University Library Online", ELS "Planet of Music Publishing House", etc.), full-text databases (for example, Web of Science, BDES "Culture", etc.). Scientific electronic libraries (eLIBRARY.ru, Cyberleninka, etc.). Electronic library systems offer the possibility of creating a personal account through which the exchange of information between the teacher and his students is possible.

Among the many cloud technologies that are promising from the point of view of the interaction of cultures, the following can be distinguished: cloud storage (disks); cloud presentations; various website builders; designers of electronic textbooks (books); electronic boards, etc.

Let us dwell on a review of services based on the Google platform [7], which are of interest to a teacher-musician in a university from the point of view of the interaction of cultures. So, with the help of Google services, you can organize activities with various participants in the educational dialogue: create and jointly edit documents using the Google Docs product; create video channels, post your own video materials online; create and design a Website based on the Google Site product. The most important quality of cloud technologies in the field of interaction of cultures is the possibility of creating a virtual space of communication. The most interesting in this sense are the following Google services: Gmail - free e-mail, YouTube - video hosting, Google Drive - a product for storing files with the ability to open access and co-edit. Google-Hangouts is an instant messaging, video and voice communication service.

A Google site is, in addition to the direct function of presenting owner information, an opportunity to organize remote communication and training. The site owner grants access to other users as collaborators. On the Google-site platform, you can create an electronic textbook or manual. By posting educational information in various formats, the teacher has constant feedback, the ability to communicate online with students. In such an educational situation, in our opinion, there is a real embodiment of the principle of "dialogue of cultures": if the Russian-language content is supported by translation into a foreign language. Students can ask questions, write comments, respond to assignments, add their materials and suggestions, and receive feedback in real time. By including tests in the electronic textbook using Google Forms, questionnaires can be used to conduct various forms of current and intermediate assessment in real time. The function of the report on the results is convenient (the table reflects the time of answering the question and the correctness of the answer). Among other options, various developers offer paid and free website builder options (Wix.com, Jimdo.com, etc.). Modern cloud storages, disks (Google Drive, Dropbox, Mega, Yandex.Disk, Cloud@mail.ru, OAmazonWebServices, ADrive, Bitcasa, Yunpan 360, 4shared, SugarSync, Box.net, OneDrive (ex. SkyDrive), iDrive, OpenDrive, Syncplicity, MediaFire, Cubby.com) allow you to store information on a remote server. The possibility of granting other users access to files stored in the cloud storage, regulating the level of access is open.

Cloud presentations are gaining more and more popularity. Recently, a sufficient number of alternatives to the popular PowerPoint tool have appeared (for example, Prezi, Google presentations). Such presentations can also be available to any participant in the dialogue with the ability to make their own changes. Avoid - for example, in pedagogical practice - the need for note-taking. The teacher can open access to their educational presentations, thus introducing the methodology of "electronic lectures" with the possibility of dialogue.

It also allows you to communicate remotely in real time and the potential of Google-Hangouts: this is editing materials, exchanging text data and comments, with the possibility of video conferencing.

It seems that in the near future, the use of products that have potential in the educational and cultural sphere will become an integral part of the educational information space, a new type of knowledge translation. Our assumptions are based not only on the research and theoretical generalization of scientific and scientific-methodical works in this area (the works of I.B. Gorbunova, M.S. Pomazenkova, A. Kameris, L.Yu. Romanenko, G.R. Taraeva, T N. Kameneva and others), but also on personal experience of using a new type of educational and methodological support in work with foreign students from China - a network electronic bilingual textbook "Music Theory" for foreign university students from China on based on Google site [6]. The experience of using a network electronic textbook has shown an increase in the productivity of mastering an academic discipline in on-line and off-line modes. In working with foreign students from China, this opportunity is especially valuable, because. promotes adaptation in a foreign language environment and opens up new perspectives in the field of dialogue of cultures. According to R.L. Davlatov "if we look at the functions of communicative interactions occurring through computer-mediated communication in general, we can single out the following functions that directly follow from the motivation of their participants: the communicative function itself, the function of self-presentation, entertainment, the function of rallying and maintaining social ties, reflective, as well as psychotherapeutic function" [5]. Particularly important in this series is the moment of unity and rapprochement of cultures.

Thus, modern cloud technologies allow you to organize your space on the network and ensure communication with various participants in the "cultural dialogue". The latest information products appear to be unique tools for transmitting information, necessary not only to improve the quality of the modern educational process, but also, more broadly, to reach a qualitatively new level of questions of the dialogue of cultures. Communication

with the help of such modern broadcasting tools makes it possible to update new opportunities for receiving, storing and transmitting information, and also reveals prospects in art education, music pedagogy and in the field of cultural interaction.

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