

DEVELOPMENT OF THE INFORMATION SYSTEM FOR CONDUCTING OF INTERNET CONFERENCES

One of the effective tools for dissemination of scientific knowledge via the Internet is Internet conference, which is a regular conference, but in electronic form.

The topic of the internet conference is becoming very relevant today. At this time, our world is forced to follow the rules of isolation due to COVID-19, that's why there is an urgent need in different way of collecting and distribution of information. Also, it should be added that during the active industrialization of the world, the transition to internet conference is a matter of time.

An Internet conference is a pre-planned, organized meeting of people to discuss a specific issue, which is defined in advance, which is held "online" via the Internet. The Internet conference provides participants opportunity to get acquainted quickly with the research conducted in a particular field, to bring to the attention of a wide range of scientists their own conclusions and suggestions, without leaving home and staying at their own personal computers.

Internet conferencing is a modern information technology tool that has a number of advantages over the usual way of holding conferences:

- distribution of information about the conference by posting information on the Internet;
- dissemination of the scientific achievements of the conference participants by publishing test reports;
- establishment of live communications with scientists from different countries and institutions who are interested in the issues presented at the conference;
- feedback from participants via QA session, questions and discussions.
- online conferencing is available in almost every city independently on geographic position;
- saving time for preparation and conducting of the conference;
- reducing costs for both participants and organizers;
- increasing the audience through using Internet.

Along with the advantages, Internet conference has certain disadvantages:

- possibility of worse assimilation of information;
- connection problems can interfere with conferences;
- insecurity of information protection;
- absence of the same emotional connection of the speaker and the audience as a result of live communication in real time.

This year the department of Computer and Information Technologies and Systems of National University “Yuri Kondratyuk Poltava polytechnic” held the All-Ukrainian Scientific and Technical Conference "Computer Mathematics (CM) in Science, Engineering and Education" (CMSEE), which has been

conducted since 2007 using the technology of online discussion of reports.

Conference purposes:

- approbation of the new scientific ideas and practical results of computer mathematics application in science, engineering and education;
- activation of implementation of technological developments and software products in manufacture, science and education;
- software presentation.

Forms of participation in the conference:

1. The conference is conducted using video communication and online discussion technology via Zoom.
2. To discuss the reports, the texts of the reports are published on the conference portal in the form of annotations and full texts in pdf-format with possibility of commenting.
3. Abstracts are published in the conference proceedings in pdf-format.

Conducting of the Internet conference requires information system (website) for posting information and communication of organizers and participants. Let's consider stages of development of the website of the typical Internet conference:

- Setting goals and objectives of the site: in our case – the ability to download and view document files, the ability to register for a conference, creating the ability to edit the appearance of the site;
- Creation of the final task: creation of the final list of all necessary points of development;
- Creating a site layout: developing the appearance of the site;
- Layout: display the layout of the site on the web page;
- Programming: creating a logical part;
- Filling with content: filling the site with the necessary information about the conference;
- Testing.

Information and technological requirements for the creation of sites include the use of free or licensed software. The site for CMSEE conference is implemented on the basis of free and open technologies, which are distributed under the license "Open Source" (PHP language), and therefore its use is free.

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РОЗРОБЛЕННЯ ВЕБ-ДОДАТКУ ДЛЯ ІНТЕРНЕТ-МАГАЗИНУ (НА БАЗІ БІБЛІОТЕКИ REACT)

Ставлення користувачів до web-додатків на сьогоднішній день стає все більш однозначним. На це впливають очевидні переваги браузерних додатків.