

October 8-9, 2021 on the basis of the National Research University "BelSU" under the project 598367-EPP-1-2018-1- SE-EPPKA2-CBHE-JP/STEM "Integrated approach to the training of STEM teachers" for the implementation of the Erasmus+ program, a STEM festival was held. The festival was attended by teachers of partner universities of Russia and Kazakhstan.



The festival program included exhibitions of the development of scientific STEM objects, STEM projects, the work of an open lecture hall (lecturers from Russia, Kazakhstan and European countries), excursions to the Open Engineering School of the National Research University "BelSU", to the Prokhorovskoye Pole Museum-Reserve, in museums "The Battle for the Weapons of the Great Victory", "The Third Military Field of Russia", a visit to the Victory Monument "Bell Tower", as well as the presentation of STEM projects by guests of the festival from universities of other countries.

L.N.Gumilyov ENU was presented by the manager-researcher and coach of the project, Ph.D., Associate professor of the Department of System Analysis and Management of the Faculty of Information Technology Sagnaeva Saule Kairollievna and the technical employee-coach of the project, a 3-year doctoral student of the educational program 8D01511-Informatics Akhmetova Balgyn Balgynbekkyzy.

Sagnaeva S.K. acquainted the participants of the festival with innovative projects, including the desktop network simulator (NST) "IT Alem" developed by the teaching staff of the Faculty of Information Technologies and scientists of Russia



and used in the educational process.



The NST is designed to acquire practical skills of working in an infocommunication environment. The NST is an individual portable laboratory installation placed at the student's workplace. It contains a network model consisting of a client and server part, as well as a router interacting with each other using packet switching technology.

Akhmetova B.B. "STEM education in Kazakhstan: the experience of Nazarbayev Intellectual Schools (NIS)". She told about the pilot project-the NIS HUB platform, where students are engaged in design and research activities, solve problems in promising natural science and technical areas, master promising engineering areas, including modern laser technologies, programming, 3D modeling, etc.



The international STEM Festival dedicated to innovative project education was held in a mixed format with the possibility of full-time participation of



representatives of universities of Kazakhstan and Russia.



