PROGRAMMED COMMITTEE

Arthur Putsiata – rector of the Sukhoi State Technical University of Gomel, doctor of engineering, professor, Belarus;

Mohammed Al-Shuaibi – rector of Taiz University, professor, Republic of Yemen;

Andrei Boika— vice rector for research of the Sukhoi State Technical University of Gomel, doctor of engineering, professor, Belarus;

Riad Al-Oqab – vice rector for student affairs at Taiz University, professor, Republic of Yemen;

Sadeq Al-Shamiri – vice rector for scientific affairs at Taiz University, professor, Republic of Yemen;

ORGANIZATIONAL COMMITTEE

Representatives from Sukhoi State Technical University of Gomel, Republic of Belarus

Nevzorova A.B. (chairman) – head of the department "Oil and gas development and hydropneumatic automation", Doctor of Technical Sciences, Professor;

Marwan Farhan AL-Kamali (chairman) – member of the Council of young scientists of the Sukhoi State Technical University of Gomel, Ph.D., associate professor of the department "Industrial electronics";

Yury Martyanov (deputy chairman) – chairman of the Council of young scientists, senior lecturer of the department «Metallurgy and technologies of materials processing»;

Andrei Zapolski (deputy chairman) – member of the Council of young scientists of the Sukhoi State Technical University of Gomel, postgraduate student of the department "Industrial electronics";

Salah Elsherbini (secretary) – member of the Council of young scientists of the Sukhoi State Technical University of Gomel, postgraduate student of the department "Materials science in mechanical engineering"; **Zhuravskaya N.L.** – head of the international relations department.

Members of the Council of Young Scientists of the Sukhoi State Technical University of Gomel, Belarus:

Dokukin V.D.: postgraduate student of the department "Materials science in mechanical engineering";

Nevzorov M.V., Protsko V.Yu. – post-graduate students of the department "Mechanical engineering technology"

Kapinsky N.O. – postgraduate student of the department "Oil and gas development and hydropneumatic automation".

REPRESENTATIVES FROM THE REPUBLIC OF YEMEN

Niyazi AL-Areqi – head of the research department of Taiz University, senior researcher at the Nuclear Reactions Laboratory of the Joint Institute for Nuclear Research (JINR), professor, Russian (as agreed); **Gamal Alawi** – dean of the Faculty of E-learning, head of the department "Educational technologies" of the pedagogical Faculty, Ph.D., associate professor, Republic of Yemen (as agreed);

Yahya Al-Ademi – member of the advisory body of the Scientific Organization for Research and Innovation, Ph.D., Republic of Yemen (as agreed);

Ahmed Al-Moghalles – assistant counsellor for culture, external relations and students of the Bureau of culture of the Embassy of the Republic of Yemen in the Russian Federation, Ph.D. (as agreed);

Mahyub Al-Beheiri – dean of Faculty of applied sciences, Taiz University, professor (as agreed), Republic of Yemen;

Fuad Fadel – head of the department of science under the research department of Taiz University, Engineer, Republic of Yemen (as agreed);

A.Taresh – deputy dean for scientific work at the Faculty of applied sciences, Taiz University, Ph.D., associate professor, Republic of Yemen;

F.Al-Jaafari – lecturer, Faculty of administrative sciences, Taiz University, Ph.D., associate professor, Republic of Yemen;

Malek Abdulgalil - consultant on plans and projects of «Scientific organization of research and innovations», Republic of Yemen.

Address of the Conference Organizing Committee:

246746, Gomel, Oktyabrya, 48, phone: +375 44 757-87-06, e-mail: smu@gstu.by

Location:

246746, Gomel, Oktyabrya, 48, Sukhoi State Technical University, Republic of Belarus



MINISTRY OF EDUCATION OF THE REPUBLIC OF BELARUS «SUKHOI STATE TECHNICAL UNIVERSITY OF GOMEL» COUNCIL OF YOUNG SCIENTISTS

TAIZ UNIVERSITY & SCIENTIFIC ORGANIZATION FOR RESEARCH AND INNOVATION (REPUBLIC OF YEMEN)







Invitation letter

I INTERNATIONAL YOUTH SCIENTIFIC



I INTERNATIONAL YOUTH SCIENTIFIC AND CULTURAL FORUM

The first international youth scientific and cultural forum is a unique opportunity for young people to exchange ideas and knowledge in the fields of science and culture.

The purpose of the forum is to develop international youth cooperation between the Republic of Belarus and the Republic of Yemen, as well as other countries.

The forum includes many events: an exhibition and presentation of scientific and cultural achievements; cultural and educational events; and a scientific and technical conference. These events are held with the aim of establishing scientific and cultural exchange between the youth of the countries participating in the forum.

The forum provides an opportunity for each participant to expand his or her cultural and professional competencies. Young people can use this opportunity to establish new cooperation and exchange ideas and knowledge for future joint projects.

The first international youth scientific and cultural forum is an excellent opportunity for the development of youth interaction between the Republic of Belarus and the Republic of Yemen, as well as other countries, in the fields of education, science, and culture.

The program of the scientific and cultural forum:

The first day of the forum (March 5, 2024)

- Grand opening of the forum
- Plenary meeting Speech of invited guests with presentations on the most important scientific achievements of the Sukhoi State Technical University of Gomel and Taiz University;
- Scientific, cultural and educational programs are held in the exhibition hall of the Sukhoi State Technical University of Gomel: an exhibition of scientific developments of young scientists, a photo exhibition and an exposition on the life of students from Taiz University and; national songs and dances.

2nd,3rd days of the forum (March 6-7, 2024):

- ❖ Work of the scientific and technical conference by sections;
- Plenary session with a summary of the results of the Forum;
- Solemn presentation of diplomas to the participants of the forum for the best reports.

Acceptance of applications and reports 29.02.2024
Conference program within the framework of the forum Proceedings of the forum 5-7.03.2024
Publication of the conference until April 1, proceedings in electronic form 2024

Topics of the scientific and technical conference of the forum

Section 1. Modern electronics, information technology and automation

- electronics and radio engineering;
- software and computer simulation;
- application of information technologies in science and society (education, medicine, legislation and economics);
- Automation of Technological Processes and Production
- physical problems of semiconductor production;
- Types, methods and means of measurement

Section 2. Innovative engineering and materials science

- technological processes and equipment of machine-building production;
- Development and operation of oil and gas fields.
- hydraulic and pneumatic systems of mobile and technological machines;
- industrial robots and robotic complexes;
- nanomaterials in industry and medicine.

Form of participation in the scientific and technical conference within the forum:

- ⊠ Full-time or part-time (online);
- \boxtimes The presentation time is up to 10 minutes.

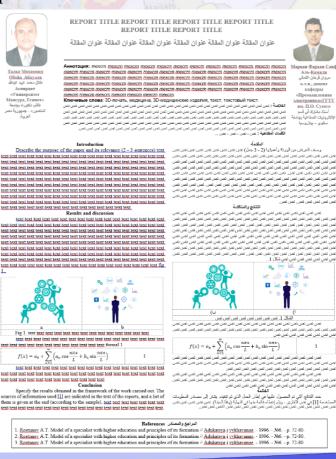
I INTERNATIONAL YOUTH SCIENTIFIC AND CULTURAL FORUM

For Conference Participants:

- ⊠ students, undergraduates, postgraduates, and young scientists can take part in the conference.
- ⊠ To participate in the conference, it is necessary to send the materials of the abstract to the organizing committee of the forum by **e-mail**: smu@gstu.by. Fill out an electronic application by clicking on the electronic link or scanning the QR code



- \boxtimes no more than two reports within one section are accepted from one speaker.
- reports that do not correspond to the subject of the conference and do not meet the requirements for registration, as well as those received by the organizing committee later than **February 29**, **2024**, are not considered and are not accepted for participation in the forum conference;
- ⊠ the accepted reports will be published in the conference collection, which will be placed in the electronic libraries of the Sukhoi State Technical University and the University of Taiz.
- working languages of the conference: Russian, Arabic, and English;
- to include the abstracts of the report in the collection of conference materials, it is necessary to provide the text of the report, which is drawn up in the form of an electronic document in accordance with the sample on the conference website



Sample report of the conference