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INTERNATIONAL SCIENTIFIC WEEK, DEDICATED TO THE "YEAR OF
SUPPORT FOR YOUTH AND BUSINESS"

TASHKENT INSTITUTE OF CHEMICAL TECHNOLOGY

PROGRAM

INTERNATIONAL SCIENTIFIC WEEK

"Sustainable Development and Green Economy"

May 20 – 25, 2024



Dear researchers, professors and colleagues!

The organizing committee invites you to take part in the work of the International Scientific Week **“Sustainable Development and Green Economy”**.

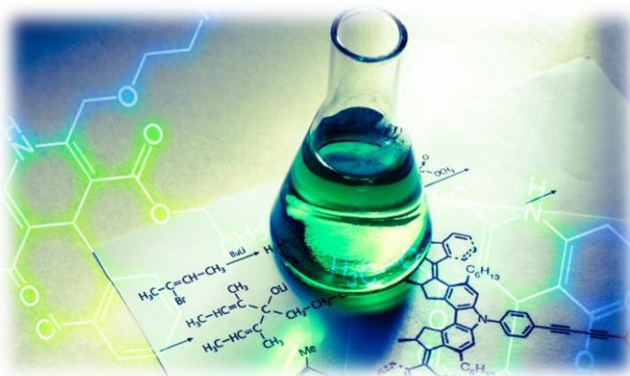
The goal of the International Scientific Week “Sustainable Development and Green Economy” is to ensure the implementation of a number of important tasks of the United Nations General Assembly Resolution No. 70 of the Sustainable Development Summit of September 2015, organizing systematic work for the consistent implementation of the goals and objectives of sustainable development in accordance with the Resolution of the Cabinet of Ministers of the Republic Uzbekistan No. 841 dated October 20, 2018 “On measures to implement national goals and objectives in the field of sustainable development until 2030”, widespread celebration in the Republic of the events “2024 years - years of support for youth and business”, in fulfillment of the objectives of the Decree of the President of the Republic of Uzbekistan No. PP-4805 dated 12/08/2020 “On measures to improve the quality of continuing education and science in the field of chemistry and biology”, as well as organizing international events aimed at increasing students’ interest in technical fields, popularizing basic sciences and developing international cooperation in scientific fields; research activities in the field of chemistry, biology and chemical technology.



Venue : Tashkent Institute of Chemical Technology.



Locations: Tashkent city, Mirzo Ulugbek street, 41 and Tashkent Region.



INTERNATIONAL SCIENTIFIC WEEK "SUSTAINABLE DEVELOPMENT AND GREEN ECONOMY"

MAY 20-25, 2024

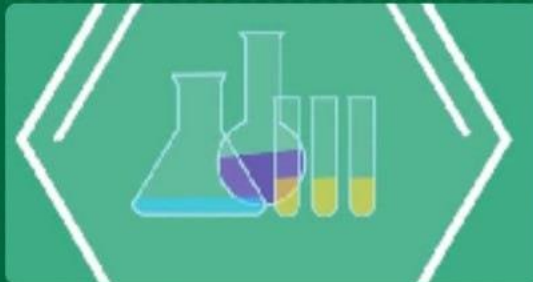


May 21-22, 2024

III-International Scientific and Technical Conference "Innovative technologies for the production of glass, ceramics and binders" and Round table "Sustainable Development and green economy".

May 22

Visit to the Gelio-Complex and Solar Furnace at the Materials Science Institute of the Academy of Sciences of Uzbekistan. The goal is a broad international exchange of fundamental and practical scientific achievements, new approaches in areas of green energy, chemistry and technology.



May 23

International scientific and technical conference "Prospects for the development of innovative technologies for the production of inorganic substances and materials in the context of globalization" on the occasion of the 111th anniversary of the birth of Doctor of Technical Sciences, Academician Malik Nabievich Nabiev

May 27-June 1

Hackathon for students, young scientists and employees of enterprises of Uzkimyosanoat JSC within the framework of the International Forum of Young Scientists



Note: International Week events are planned in the city of Tashkent and the Tashkent region.

INVITED GUESTS

Makhkamova Zulayho Bakhridinovna	Deputy Prime Minister of the Republic of Uzbekistan
Sharipov Kongratbay Avezimbetovich	Minister of Higher Education, Science and Innovation of the Republic of Uzbekistan
Korjikov Evgeniy Alexandrovich	First Deputy Chairman of the Board of Uzkimyosanoat JSC
Negmatov Soibjon Sodikovich	Scientific director of the State Unitary Enterprise "Fan va tarakkiyot", academician of the Academy of Sciences of the Republic of Uzbekistan
Parpiev Odilkhoja Raimkhodjaevich	Director of the Institute of Materials Science of the Academy of Sciences of the Republic of Uzbekistan
Shermatov Javohir Zafarovich	Scientific Secretary of the Institute of Materials Science of the Academy of Sciences of the RUz
Turabjanov Sadritdin Mahamaddinovich	Rector of Tashkent State Technical University, Academician
Bobokulov Bakhtiyor Bahronbekovich	Deputy Chairman of the Association "Uzsanoatqurilishmateriallari"
Khusainov Odil Olimovich	General Director of JSC "Kvarts"
Tursunboev Sohib Sobirovich	Director of JSC Quartz for Production
Sotvoldiev Marat Shavkatovich	General Director of JSC "Asl Oyna"
Dosmukhamedov Timur Vyacheslavovich	Chief technologist of JSC "Asl Oyna"
Uzakov Zohir Bozorovich	Chief technologist of Syrdarya Glass JSC
Abdusattarov Azim Abdusalamovich	General Director of the Industrial cluster "Basalt Uzbekistan"
Korlikhanov Ivan Vladimirovich	Director of Jizzakh Cement Plant LLC
Akbarjonov Aziz Akbarjonovich	Chairman of the Board of Uzsanoatqurilishbank ATB
Nomozov Oybek Ismailovich	Director of Merit Chemicals
Melnikov Sergey Nikolaevich	Director of the JSC "Qizilqumsement"
Azizov Iskandarbek Abdusolim ugli	Director of EKOKERAMA LLC
Khursanov Abdulla Khalmuradovich	General Director of Almalyk Mining and Metallurgical Combine JSC
Khasanov Abdurashit Solievich	Deputy Director of Almalyk Mining and Metallurgical Plant
Gulomov Qodir Gofurovich	Academician of the Academy of Sciences of the Republic of Uzbekistan, Chairman of the Council of Physicists of the RUz, Doctor of Physical and Mathematical Sciences, Professor, Chief Researcher of the Physico-Technical Institute of the Academy of Sciences of the RUz
Namazov Shafolat Sattarovich	Academician of the Academy of Sciences of the RUz, Honored Inventor and Innovator of the Republic of Uzbekistan, Head of the Laboratory "Phosphorus

	Fertilizers” of the Institute of General Economy and Chemistry of the Academy of Sciences of the RUz, Doctor of Technical Sciences, Professor
Beglov Boris Mikhaylovich	Academician of the Academy of Sciences of the Republic of Uzbekistan, Chief Researcher of the Phosphorus Fertilizers Laboratory of the Institute of Inorganic Economy and Economy of the Academy of Sciences of the RUz, Doctor of Technical Sciences, Professor
Mirsaidov Ulmas Mirsaidovich	Academician of the Academy of Sciences of the Republic of Tajikistan, Director of the Agency for I'm turf And radiation of Safety of the Academy of Sciences of the Republic of Tajikistan, Doctor of Chemical Sciences, Professor
Reimov Akhmed Mambetkarimovich	Rector of Karakalpak State University named after Berdakh, Doctor of Technical Sciences, Professor, Academician
Ibragimov Aziz Bakhtiyorovich	Director of the Institute of Inorganic Chemistry of the Academy of Sciences of the RUz, Doctor of Chemical Sciences, Professor
Zakirov Bakhtiyor Sabirjanovich	Chief Researcher of the Department of Nitrogen, Complex Fertilizers and Stimulants. Group of supramolecular compounds» Institute of Inorganic Chemistry, Academy of Sciences of the Republic of Uzbekistan, Doctor of Chemical Sciences, Professor, Honored Scientist of the Republic of Uzbekistan
Umarov Iskandar Khaidarovich	Chairman of the Board of Ammofos - Maxam JSC .
Mannopov Dilshod Erkinovich	Chairman of the Board of JSC Farg'onaazot.
Zhumaniyazov Maksud Zhabbievich	Professor of the Department of Chemical Technology, Urgench State University, Doctor of Technical Sciences.
Nurmurodov To'liqin Isomiddinovich	Vice-Rector of Navoi Mining, Metallurgical and Technological University, Doctor of Technical Sciences, Professor
Makhmudov Rafik Amonovich	Head of the Department of “ Technology of Inorganic Substances ” of the Bukhara Engineering and Technology Institute, Doctor of Technical Sciences, Professor
Abidov Nodir Olimzhonovich	Director of Orient Ceramic LLC (Uzbekistan)
Ablakulov Uktam Ulmasovich	Deputy General Director of ARTEL ELECTRONICS LLC
Sadullaeva Nilufar Yuldashbaevna	Head of the HR center of ALMERRO GROUP LLC, a confectionery factory under the KREMBER brand

FOREIGN GUESTS

Zbigniew Pędzich (Poland)	AGH university of science and technology, Head of the Department of Ceramics and Refractory Materials, Faculty of Materials Science and Ceramics, AGH University, Professor
Kim Dong - Hyung (Republic of Korea)	Giant Chemical Co.,Ltd.
Kang Jin - Kyu (Republic of Korea)	Giant Chemical Co. Ltd.
Kim De - Wook (Republic of Korea)	Giant Chemical Co. Ltd.
Lee Seung - Min (Republic of Korea)	KITECH
Kang Kyung - Chan (Republic of Korea)	KITECH
Kim Ill - Hwan (Republic of Korea)	Ulsan Technopark
Han Hyoung - Su (Republic of Korea)	Ulsan Technopark
Alexander Puchkov	E-Globaledge Corporation (Rigaku)
Alexander Shaforostov	MN MN Labtech
Dawid KOZIEN (Poland)	AGH University of Science and technology
Katarzyna PASIUT (Poland)	AGH University of Science and technology
Anisimov Valeriy Valerievich (Russian Federation)	Branch of Mendeleev Chemical Technological University in Tashkent
Makarov Nikolay Alexandrovich (Russian Federation)	Branch of Mendeleev Chemical Technological University in Tashkent
Levitsky Ivan Adamovich (Republic Belarus)	Belarusian State Technical University
Trusova Ekaterina Evgenievna (Republic Belarus)	Belarusian State Technical University
Tonni Agustiono Kurniawan (China)	Xiamen University, China
Subramaniam Geetha (Malaysia)	INTI international University
Sokit Samatov (Azerbaijan)	Azerbaijan State Oil and Industry University
Brendan Duprey (Kazakhstan)	UN PRME Chapter Eurasia
Engin Arslançan (Uzbekistan)	Merit Kimya
Amira Zaouak (Tunisia)	National Center for Nuclear Sciences and Technologies (CNSTN) Tunisia
Koshkarbaeva Shaizada Tortaevna (Kazakhstan)	M. Auezov South Kazakhstan University
Niyazbekova Rimma Kalmanbaevna (Kazakhstan)	"Kazstandart" Republican state enterprise

Azimgereeva Altynay Bulatovna (Kazakhstan)	Khazakh Agrotechnical Research University named after. S. Seifullin
Zaure Altayeva (Kazakhstan)	International Educational Corporation (IEC)
Shalukho N. M. (Republic of Belarus)	Belarusian State Technical University
Lukash E. V. (Republic of Belarus)	Belarusian State Technical University
Khotyan A. E. (Republic of Belarus)	Belarusian State Technical University
Usmanov Sultan Usmanovich (Kazakhstan)	Head of the laboratory "Inorganic synthesis and materials" JSC Institute of Chemical Sciences named after. Bekturova", Doctor of Technical Sciences, Professor
Ruziev Jura Rakhimnazarovich (Tajikistan)	Professor of the Department of "Practical Chemistry" of the Faculty of Chemistry of the Tajik National University, Doctor of Technical Sciences.
Naraev Vyacheslav Nikolaevich (Russian Federation)	Head of the Department of "Technology of Inorganic Substances" of the St. Petersburg State Technological Institute (Technical University), Honorary Worker of Higher Professional Education of the Russian Federation, Doctor of Chemical Sciences, Professor
Gavrilyuk Andrey Nikolaevich (Republic of Belarus)	Vice-Rector for Academic Affairs of the Belarusian State Technological University, Head of the Department of "Technology of Inorganic Substances and General Chemical Technology", Ph.D., Associate Professor

ORGANIZERS OF THE SCIENTIFIC WEEK "SUSTAINABLE DEVELOPMENT AND GREEN ECONOMY"

I. MINISTRIES, DEPARTMENTS, INTERNATIONAL PARTNERS AND ORGANIZATIONS

1. Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan
2. Tashkent Institute of Chemical Technology.
3. INTI International University
4. UN PRME Eurasia Branch
5. Institute of General and Inorganic Chemistry of the Academy of Sciences of the Republic of Uzbekistan
6. New University Uzbekistan

II.COMPANIES AND ENTERPRISES

1. JSC "Uzkimyosanoat";
2. LLC "ARTEL ELECTRONICS"
3. JSC "Uzsanoatqurilishmateriallari";
4. JSC "Kvarts";
5. JSC "Asl Oyna";
6. JSC Maxam Chirchik
7. JSC Ammofos-Maxam
8. JSC Navoiyazot
9. JSC Ferghanaazot
10. JSC Dekhkanabad Potash Plant
11. AKKERMANN CEMENT LLC.
12. Holding "Art Gloss Gallery";
13. LLC "ALMERRO GROUP" confectionery factory under the KREMBER brand

III. INTERNATIONAL PROGRAM COMMITTEE FOR SCIENTIFIC WEEK "SUSTAINABLE DEVELOPMENT AND GREEN ECONOMY"

1. **Usmonov Botir Shukurillaevich** , rector of the Tashkent Institute of Chemical Technology, professor (Uzbekistan) – Chairman
2. **Kim Dong - Hyung** - Director of the Research Center of Giant - Chemical (Republic of Korea)
3. **Kim Ill - Hwan** - Director of Ulsan Technopark, PhD (Republic of Korea)
4. **Geetha Subramaniam** - INTI International University , PhD , Professor (Malaysia)
5. **Brendan Duprey** - Director of Sustainable Kazakhstan Research Institute , Professor at Narxoz University, PRME, PhD , Associate Professor (Kazakhstan)
6. **Lee Seung - Min** – senior researcher at KITECH , (Republic of Korea)
7. **Kang Kyung - Chan** – senior researcher at KITECH , (Republic of Korea)
8. **Levitsky Ivan Adamovich**, Doctor of Technical Sciences, Professor, Belarusian State Technological University (Belarus)
9. **Zbigniew Pędzich** , Doctor of Technical Sciences Professor, AGH University of Science and Technology (Poland)
10. **Tonni Agustiono Kurniawan** - UTM Professor Malaysia (Malaysia);
11. **Han Hyoung - Su** – University of Ulsan, research professor (Republic of Korea)
12. **Makarov Nikolay Aleksandrovich** - Russian Chemical-Technological University named after D. Mendeleev, professor, doctor of technical sciences. (RF).

IV. ORGANIZING COMMITTEE OF THE SCIENTIFIC WEEK "SUSTAINABLE DEVELOPMENT AND GREEN ECONOMY"

1. Mukhamedzhanov Timur Rasulovich, Chairman of the Board of Uzkimyosanoat JSC - Chairman;
2. Usmonov Botir Shukurillaevich, rector, professor, Tashkent Institute of Chemical Technology (TICT, Uzbekistan) – Chairman;

3. Pulatov Khairulla Lutpullaevich – Vice-Rector of TICT, Doctor of Chemical Sciences, Professor– Deputy Chairman;
4. Babakhanova Zebo Abdullaevna – Vice-Rector of TICT, Doctor of Technical Sciences, Professor–Deputy Chairman;
5. Safarov Toyir Tursunovich – Vice-Rector of TICT, Doctor of Technical Sciences, Professor;
6. Kodirov Bobiromon Bekmurodovich – Vice-rector of TICT, Doctor of Sciences, professor;
7. Boborajabov Bokhodir Nasriddinovich - Vice-Rector of TICT, PhD
8. Shernaev Anvar Normamatovich – Vice-rector, PhD , professor of TICT;
9. Aripova Mastura Khikmatovna – Doctor of Technical Sciences, Professor, Head of Department, TICT;
10. Aripov Vohid Valievich – Head of Department of JSC “Uzkimyosanoat”;
11. Bukharov Shukhrat Burievich – Doctor of Chemical Sciences, Dean of the Faculty of TICT;
12. Yusupova Lola Agzamovna – Doctor of Technical Sciences, Dean of the Faculty of TICT;
13. Baltabaev Ulugbek Narbaevich – candidate of technical sciences, dean of the faculty of TICT;
14. Abdullaev Umid Kuychievich – candidate of technical sciences, dean of the faculty of TICT;
15. Jalilov Sherzod Kahramonovich – Doctor of Economics, Dean of the Faculty of TICT;
16. Sanaev Ermat Shermatovich - PhD , associate professor, head of department, TICT;
17. Mkrtchyan Hripsime Vachaganovna – candidate of technical sciences, associate professor of TICT;
18. Nabiev Abdurakhim Abdukhamidovich - head of the department of TICT, candidate of chemical sciences, associate professor;
19. Khamdamov Davron Abdugadirovich – head of the department of TICT, Doctor of Chemical Sciences, Associate Professor;
20. Khodjaeva Nargiza Nigmanovna – head of department, TICT;
21. Saidakhmadov Saidumarkhon - head of the international cooperation department, TICT;
22. Khidirkulova Maftuna – Head of the Information and Analytical Center, TICT;
23. Baizakova Balnur Saparbek kizi - methodologist of the international relations department;
24. Usmonalieva Ezoza Dzhahalilovna- methodologist of the department of international relations;
25. Dosmatova Dilnoza - chief specialist of the department of international ratings and information analysis
26. Tursunboev Otabek – leader of the Youth Union of the TICT;
27. Davron Rashidov – head of the Institute’s Youth Academy TICT;
28. Abdulbokiev Egamnazar – Press Secretary of TICT.



The purpose of the international scientific and technical conference is a discussion of modern innovative technologies for the production of silicate materials - glass, ceramics and binders, the technology of rare and precious metals, as well as composite materials based on them, issues of sustainable development of the chemical and metallurgical industries, familiarizing the world community with the achievements of Uzbekistan in these areas.

Conference objectives - popularization of significant results achieved in scientific activities in the republic and abroad, as well as further development of the industry of glass, ceramics, binders, rare and precious metals. Within the framework of the conference, lectures and master classes will be organized by leading experts and scientists from the USA, Italy, Spain, Poland, Armenia, Korea, Kazakhstan, Uzbekistan and other countries.

CONFERENCE SECTIONS:

1-section. *Innovative technologies for the production of glass , ceramic and binding materials.*

2-section. *Sustainable development of the chemical and metallurgical industry: energy and resource-saving technologies, electrochemistry, biotechnology and alternative energy sources.*

3-section. *Technologies for the production of modern composite materials.*

KEY DATES

May 21, 2024 – Opening of the conference and Plenary reports (Tashkent).

May 22, 2024 – Visit to the Solar Complex of the Institute of Materials Science of the Academy of Sciences of Uzbekistan (Parkent).

FORMS OF PARTICIPATION IN THE CONFERENCE:

- presentation of a plenary report – up to 15 minutes (10 minutes report and 5 minutes questions-answers);
- presentation with a sectional report – up to 10 minutes (7 minutes report and 3 minutes questions-answers);
- participation in a conference without a report (publication of materials in a collection).

**THE PROGRAM OF THE III INTERNATIONAL SCIENTIFIC AND TECHNICAL
CONFERENCE “INNOVATIVE TECHNOLOGIES FOR THE PRODUCTION OF GLASS,
CERAMICS AND BINDING MATERIALS”**

Venue: Conference hall of the Faculty of Chemical Technology of Substances TICT

Date: May 21 , 2024, Time: 9:30-17:00, Address: Tashkent, st. Mirzo Ulugbek, 41.

For online participants, connect to the Zoom conference:

<https://us06web.zoom.us/j/88109026490?pwd=v9aAon8Wi1snuXHLMBIMWomSp1a16x.1>

Meeting ID: 881 0902 6490

Passcode: 305428

May 21, 2024 (Tuesday) 9⁰⁰-17⁰⁰ Plenary session. Conference hall of the Faculty of "Technology of Chemical Substances" TICT Moderators: Babakhanova Zebo Abdullaevna, Erkinov Farrukh Botirovich		
9⁰⁰ - 9³⁰	Registration of conference participants	Conference hall HTNV TICTI
9³⁰ - 9⁴⁰	Opening of the conference:	Usmonov Botir Shukurillaevich Rector of Tashkent institute of chemical technology
9³⁰ - 10³⁰	Greeting speech:	Makhkamova Zulaikho Bakhriddinovna Deputy Prime Minister of the Republic of Uzbekistan (to be agreed)
	Greeting speech: Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan	Sharipov Kongratbay Avezimbetovich Minister (to be agreed)
	Greeting speech: "Uzsanoatqurilishmateriallari yushmasi" JSC	Bobokulov Bakhtiyor Bahronbekovich And about. Chairman of the board Ismoilov Bokhodir Deputy Chairman of the Board
	Greeting speech: Tashkent State Technical University	Turabdzhanov Sadritdin Mahamaddinovich Rector, academician
	Greeting speech: Giant Chemical Co.,Ltd.	Kim Dong-Hyung Director
	Greeting speech: UN Principles of responsible management education organization	Brendan Duprey (online)
	Greeting speech: KITECH: Korea Institute of Industrial Technology (Korea)	Kang K yung-Chan Professor
	Greeting speech: AGH University of Science and Technology (Poland)	Zbigniew Pędzich For the head of the department of ceramics and refractory materials
	Greeting speech: “Kazstandard” (Republic of Kazakhstan)	Niyazbekova Rimma Kalmanbaevna Professor
	Greeting speech: JSC “Quartz” (Uzbekistan)	Khusainov Odiljon Olimovich Director (TBC)

	Greeting speech: Ulsan University (Korea)	Jae-Shin Lee Vice-Rector, Professor at the University of Ulsan, Director of the School of Materials Science and Engineering, Foundation "University-Industry Cooperation University of Ulsan" (online)
	Greeting speech: Jizzakh Cement Plant LLC (Uzbekistan)	Korlikhanov Ivan Vladimirovich Director
10³⁰ -10⁴⁵	Scientific reports: Belarusian State Technological University (Belarus)	Prof. Levitskiy Ivan Adamovich Antibacterial manganese containing semi - fried glazes
10⁴⁵ -11⁰⁰	Scientific reports: JSC "Quartz", Tashkent Institute of Chemical Technology (Uzbekistan)	Aripova Mastura Khikmatovna, Ganiev Said Sotivoldievich Development and implementation of technology for the production of tinted glass in the conditions of JSC Quartz in Uzbekistan
11⁰⁰ -11¹⁵	Scientific reports: MN Labtech (Estonia)	Alexander Shaforostov Promising developments of Thermofisher Scientific in the field of electron microscopy and XPS
11¹⁵ -11⁴⁵	Coffee break	
11⁴⁵ -12⁰⁰	Scientific reports: Tashkent Institute of Chemical Technology (Uzbekistan)	Erkinov Farrukh Botir coals Ferroelectric-To-Relaxor Crossover Behavior In KNN-Based Lead-Free Piezoceramics
12⁰⁰ -12¹⁵	Scientific reports: AGH University of Science and Technology (Poland)	Prof. Dawid Kozięń Method for Synthesizing Boron Carbide Nanoparticles From Organic Precursors
12¹⁵ -12³⁰	Scientific reports: Representative of Bühler for Central Asia	Kabanov Alexey Sergeevich Industrial solutions for energy saving: functional coatings for architectural glass, but not only.
12³⁰ -12⁴⁵	Scientific reports: Branch of Mendeleev University in Tashkent	Makarov Nikolay Alexandrovich Synthesis and features of sintering of powders in the ZnO-SnO ₂ system obtained by the sol-gel method
12⁴⁵ -13⁰⁰	Scientific reports: E-Globaledge Corporation (Rigaku)	Alexander Puchkov Modern methods of physicochemical analysis.
13⁰⁰ -14⁰⁰	Lunch	
14⁰⁰ -14¹⁵	Scientific reports: Xiamen University (China)	Tonni Agustiono Kurniawan ZN ₂ CR-layered double hydroxide (ldh) from concentrated metal plating waste for removal of pyrophosphate from electroplating wastewater
14¹⁵ -14³⁰	Scientific reports: Giant Chemical Co. Ltd	Kim De-Wook Research and development of metal silicate materials for cooking oil refining

14 ³⁰ –14 ⁴⁵	Scientific reports: Merit Chemical	Engin Arslançan State of the art issues in cement industries for production of high quality products
14 ⁴⁵ –15 ⁰⁰	Scientific reports: Sales manager S.E.T.C. SRL	Guido Massacesi Modern machinery for ceramic materials production
15 ⁰⁰ –15 ¹⁵	Scientific reports: Mendeleev University (RF)	Aung Kyaw Nyein Optimization of the composition of gypsum-cement-pozzolanic binder (online)
15 ¹⁵ –15 ³⁰	Scientific reports: “Kazstandard” (The Republic of Kazakhstan)	Niyazbekova Rimma Kalmanbaevna Standardization of waste and new materials
15 ³⁰ –15 ⁴⁵	Scientific reports: AGH University of Science and Technology (Poland)	Zbigniew Pełzich Oxide Composites Resistant to Subcritical Crack Propagation
15 ⁴⁵ –16 ⁰⁰	Scientific reports: Tashkent Institute of Chemical Technology (Uzbekistan)	Tashbaev Jahongir Development of bioactive glass synthesis technology in R ₂ O-RO-CaF ₂ -P ₂ O ₅ -Al ₂ O ₃ -SiO ₂ systems
16 ⁰⁰ –16 ¹⁵	Scientific reports: "International Educational Corporation" LLP (Kazakhstan)	Altaeva Zaure Nurmakhambetovna Modern polymer materials
16 ¹⁵ –16 ³⁰	Scientific reports: BSTU (Belarus)	Trusova Ekaterina Evgenievna Glass-crystalline materials for high-power white light-emitting devices based on laser diodes
16 ³⁰ –16 ⁴⁵	Scientific reports: South Kazakhstan University named after M. Auezova (Kazakhstan)	Zhuldyzbaeva Salima Esbolganovna Metallization of dielectric materials
16 ⁴⁵ -17 ⁰⁰	Closing speeches	The discussion of the results.

May 22 (Wednesday)

7⁰⁰-18⁰⁰

Outside session of the conference.

Address: Institute of Materials Science of the Academy of Sciences of the Republic of Uzbekistan. Parkent city, Tashkent region .

7 ⁰⁰ -7 ³⁰	Meeting point: Faculty of Chemical Technology of Substances of TICT at the address: 100007 , Tashkent, st. Mirzo Ulugbek, 41.
7 ³⁰ -9 ⁰⁰	Organized relocation from Tashkent to Parkent city.
9 ⁰⁰ -13 ⁰⁰	Scientific research activities and cooperation with the Institute of Materials Science and the Helio-complex “Physics-Sun”.
13 ⁰⁰ -16 ³⁰	Lunch. Discussion of scientific cooperation and free time.
16 ³⁰ -18 ⁰⁰	Organized relocation from Parkent to Tashkent city.



The working languages of the scientific conference are Russian and English.

Abstracts of reports will be posted on the international platforms Google Scholar, Zenodo with the assignment of a DOI identification number.

Responsible secretaries:

Section 1:

Erkinov Farrukh, Phone: +99899 971-71-71 (Telegram, Whatsapp)

Section 2-3:

Oserbaeva Alfiya, Phone: +998 94 6360095 (Telegram, Whatsapp)



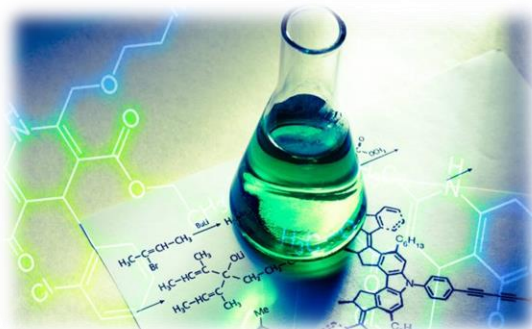
Publication of conference abstracts and articles



Based on the results of the scientific week, it is planned to publish Collections of abstracts and a special issue of the International Journal “Chemistry and Chemical Engineering” and the International Journal “Central Asian Food Engineering and Technology” (publication in a scientific journal at the request of the author)

For all questions regarding publication in scientific journals, please contact the responsible secretaries of the journals:

- ✓ **Mkrtchyan R.V.** (Journal “Chemistry and Chemical Engineering”): tel. +998909078387 (Telegram, WhatsApp).
- ✓ **Sanaev E.Sh.** (Journal “Central Asian Food Engineering and technology”): tel. +998971579687 (Telegram, WhatsApp), e-mail: cafet_TICT.uz@mail.ru .



**Organizing Committee of the 3rd International Scientific and Technical
conference "Innovative technologies for the production of glass, ceramics
and binders"**

1. Usmonov Botir Shukurillaevich, Doctor of Technical Sciences, Prof. – chairman;
2. Pulatov Khairulla Lutpullaevich, Doctor of Chemical Sciences, prof. TICT – deputy chairman;
3. Aripova Mastura Khikmatovna, Doctor of Technical Sciences, Prof. TICT – deputy chairman;
4. Babakhanova Zebo Abdullaevna, Doctor of Technical Sciences, Prof. TICT;
5. Safarov Toir Tursunovich, Doctor of Technical Sciences, Prof. TICT;
6. Ismailov B.M., JSC "Uzsanoatqurilishmateriallari";
7. Ibragimov O.F., Uzsanoatqurilishmateriallari JSC;
8. Buriev A.I., General Director of JSC Quartz;
9. Sretinsky S.V., General Director of JSC Quartz
10. Khursanov A.Kh., General Director of Almalyk Mining and Metallurgical Combine JSC;
11. Sharipov S.Kh., Director of the Art Soft Holding;
12. Kodirov B.T., director of "Surkhonsanoatkurilish" company;
13. Bukhorov Sh.B., Doctor of Chemical Sciences, Dean of TICT;
14. Ruziboev B.R., Ph.D., Associate Professor, TICT;
15. Zulyarova N.Sh., deputy Dean of TICT;
16. Mkrtchyan R.V., Ph.D. assistant professor;
17. Matkarimov Z.T. - Associate Professor of the TICT Department, Candidate of Technical Sciences;
18. Naimov Sh.B. - Assistant of the Department of TICT;
19. Abdurakhmanov O. – Associate Professor of the Department of TICT, Ph.D.
20. Dosmukhamedov T.V., chief technologist of Asl Oyna JSC;
21. Yunusov M.Yu. – Professor of TICT;
22. Erkinov F.B., assistant of TICT - executive secretary (1st section);
23. Oserbaeva Alfiya Kurbanbaevna, Ph.D. - executive secretary (section 2-3).



**International Scientific Forum of
Young Scientists
“SUSTAINABLE DEVELOPMENT
AND GREEN ECONOMY”
May 22, 2024**



The goal of the International Scientific Forum of Young Scientists “Sustainable Development and Green Economy” is a broad international exchange of fundamental and practical scientific achievements, new approaches in areas traditionally included in the field of green economy, chemistry and technology (ecological economics, environmental economics, low-carbon economic development, protection of biodiversity and ecosystem services, environmentally sustainable economic progress, new methods for the synthesis of chemical compounds, chemical catalysis, safe energy-saving and waste-free technological production, circular economy, etc.), organization of international events aimed at increasing student interest in technical fields, popularization of basic sciences and development of international cooperation in research activities in the field of chemistry, biology and chemical technology.

**Directions of the scientific forum of young scientists
“Sustainable development and green economy”:**

- 1. Sustainable development of the chemical and food industries.*
- 2. Green economy, innovative technologies in increasing export potential and competitiveness of products, modern pedagogical technologies in personnel training*
- 3. Energy and resource saving technologies, biotechnologies and alternative energy sources.*
- 4. Green chemistry and environmental protection.*

KEY DATES

May 22, 2024 – Sectional reports in the form of a round table

Forms of participation in the conference:

- presentation with a sectional report – up to 10 minutes ;
- participation in a conference without a report (publication of materials in a collection).



The working languages of the scientific forum are Uzbek, Russian and English.

Abstracts of reports will be posted on the international platforms Google Scholar, Zenodo with the assignment of a DOI identification number.



Executive Secretary:

Jamilya Isamatova

Phone: +998 99 140 08 05

E -mail: hayrulla00796@gmail.com

Publication of conference abstracts and articles



Based on the results of the scientific week, it is planned to publish Collections of abstracts and a special issue of the International Journal “Chemistry and Chemical Engineering” and the International Journal “Central Asian Food Engineering and Technology” (publication in a scientific journal at the request of the author)

**PROGRAM OF
INTERNATIONAL SCIENTIFIC FORUM OF YOUNG SCIENTISTS
"SUSTAINABLE DEVELOPMENT AND GREEN ECONOMY"**

Venue: Main building of the Tashkent Institute of Chemical Technology, Tashkent Chemical Technology Institute. Address: Tashkent, st. Navoi, 32. Assembly hall.

Date: May 22, 2024 , **Time:** 9:30-14:00,

For online participants, please connect to the Zoom conference:

<https://us06web.zoom.us/j/88109026490?pwd=v9aAon8Wi1snuXHLMBIMW0mSp1a16x.1>

Meeting ID: 881 0902 6490

Passcode: 305428

9⁰⁰–9³⁰	Registration of participants	Main building of TICT
1-section. Sustainable development of the chemical and food industries.		
Moderator: Prof. Djakhangirova Gulnoza		
Assembly Hall		
Машанова Н.С., Сатаева Ж.И., Смагулова М.Е., Кундызбаева Н.Д., Каримова Г.К. ИСПОЛЬЗОВАНИЕ БЕЗГЛЮТЕНОВОЙ МУЧНОЙ СМЕСИ В ПРОИЗВОДСТВЕ ПРОДУКТОВ ПИТАНИЯ		
Boltaev Mirjalol, Serkaev Kamar REFINING OF COTTONSEED OIL USING COTTON STALK ASH		
Jumaniyozova A.J, Bobaev I.D., Normatov A.M., OZIQ-OVQAT SANOATIDA QO'LLASH UCHUN DITERPEN GLIKOZIDLARNING BIOTEXNOLOGIK MODIFIKATSIYASI		
Bakhodir Khakimov ADVANCEMENTS IN THE TECHNOLOGY OF PLANT-BASED MEAT PRODUCTION: A COMPREHENSIVE EXAMINATION		
Togaymurodova D.M., Gaybullayeva D.U., Maksumova O.S. MODIFICATION OF CELLULOSE DERIVATIVES WITH PIPERIDINE		
Зиядуллаев О.Е., Салиева М.К., Отамухамедова Г.К., Латипова Е.Р. АЛКИНИЛИРОВАНИЕ НЕКОТОРЫХ ГЕТЕРАТОМНЫХ АЛЬДЕГИДОВ ПРИ УЧАСТИИ ФЕНИЛАЦЕТИЛЕНА В КАТАЛИТИЧЕСКОЙ СИСТЕМЕ $\text{InBr}_3/\text{Et}_3\text{N}/\text{Et}_2\text{O}$		
Абдуллаева Б.А., Алиева М.И. ПРИМЕНЕНИЕ ЗАМОРАЖИВАНИЯ ВИНОГРАДА ПРИ ПОЛУЧЕНИИ ВИНМАТЕРИАЛОВ В УСЛОВИЯХ УЗБЕКИСТАНА		
G.Irgasheva, Хакимова С. G..Irgasheva АНТИОКСИДАНТНЫЙ ЗАЩИТА ПЕРЕРАБОТКЕ КРАСНОГО ВИНОГРАДА.		
Ирматова Ж. К., Росляков Ю. Ф., Усмонов Н. Б. ПЕРСПЕКТИВЫ ИСПОЛЬЗОВАНИЯ РАСТИТЕЛЬНОГО СЫРЬЯ В КАЧЕСТВЕ ФУНКЦИОНАЛЬНОЙ ДОБАВКИ ДЛЯ ПОВЫШЕНИЯ ПИЩЕВОЙ ЦЕННОСТИ МУЧНЫХ ИЗДЕЛИЙ		
Д.Д. Билалова, С.Х. Эргашева, Х.И. Кадиров ИЗУЧЕНИЕ ЭФФЕКТИВНОСТИ ИНГИБИТОРОВ СЕРИИ «ИНХО-БД»		
Ш.П. Икболлов, Х.И. Кадиров КАТАЛИТИЧЕСКИЙ СИНТЕЗ БУТИН-2-ДИОЛА-1,4 ФОРМИЛИРОВАНИЕМ АЦЕТИЛЕНА		
Ш.У. Самадов, Х.И. Кадиров ПОЛУЧЕНИЕ СУЛЬФОКАТИОНИТОВ И ПРИМЕНЕНИЯ В КАЧЕСТВЕ ДОПОЛНИТЕЛЬНОГО КОМПОНЕНТА ДЛЯ АДСОРБЦИИ		
А.А. Хомиджонов, И. Икрамов, Х.И. Кадиров ОСОБЕННОСТИ СИНТЕЗА МЕТИЛОЛЬНЫХ ПРОИЗВОДНЫХ МОЧЕВИНЫ И ИХ ПРИМЕНЕНИЕ		

Ф. Холматова, Ю. Усманова НОВЫЕ МЕТОДЫ СИНТЕЗА АЛКИЛИМИДОЗОЛИНОВ	
Karimova N. B., Bobayev I. D. 20-GIDROKSIEKDIZONNING BIOSINTEZI, POTENSIAL FUNKTSIYALARI VA MODIFIKATSIYASI	
Barakayev N. R., Uzoqov Y.A RESPUBLIKAMIZDAGI BOSHOQLI DON EKINLARINI JOYLASHTIRISH KO'RSATKICHLARINING TAHLILI	
Douglas Law, Shazrul Fazry, Nik Marzuki Sidik TRANSPORTATION AND ACCLIMATION OPTIMISATION OF WILD MARBLE GOBY (<i>Oxyeleotris marmorata</i> BLEEKER, 1852)	
Lalita Ambigai Sivasamugham, Geetha Subramaniam, Rathish Kumar, Wong Ling Shing, PHYTOCONSTITUENTS TARGETING CLINDAMYCIN-SUSCEPTIBLE AND RESISTANT <i>C. acnes</i> ISOLATES	
Шарипов П. Р., Хасанов Х. Т. Муминов А. БИОЛОГИЧЕСКИЕ ОСОБЕННОСТИ СЕМЯН ВИДОВ «ХАРЬКОВСКИЙ», «ЗОЛОТОЙ ГИГАНТ» ПРИ ИНТРОДУКЦИИ ФЕРМЕРСКОМ ХОЗЯЙСТВЕ «САМАНДАР» РЕСПУБЛИКЕ УЗБЕКИСТАН	
Каюмов Б. С., Хасанов Х. Т. Хасанов А. Х. ВОЗДЕЙСТВИЕ ЛИПОЛИТИЧЕСКИХ ФЕРМЕНТОВ НА ПРОЦЕСС ГИДРОЛИЗА ЖИРОВ В ЗЕРНОВОГО ПОМОЛА	
A.N. Malikov, G'N. Evatov, A.D. Parmonova UZUMNI SHAROBBOV DURAGAY SHAKLLARINING KIMYOVIY TARKIBI	
Шарипов П.Р., Хасанов Х.Т., Муминов А. БИОЛОГИЧЕСКИЕ ОСОБЕННОСТИ СЕМЯН ВИДОВ «ХАРЬКОВСКИЙ», «ЗОЛОТОЙ ГИГАНТ» ПРИ ИНТРОДУКЦИИ ФЕРМЕРСКОМ ХОЗЯЙСТВЕ «САМАНДАР» РЕСПУБЛИКЕ УЗБЕКИСТАН	
Jabborova D.Sh., Eshmatov F.X. AKATSIYA(KAROB) URUG'IDAN FUNKSIONAL MOY OLISH	
13⁰⁰ -13¹⁰	Final Remarks
2-section. Green economy, innovative technologies in increasing export potential and competitiveness of products, modern pedagogical technologies in personnel training	
Moderator: Prof. Kasimova Fatima	
Assembly Hall	
Kadirov U.R., Erkinov D.Y. BARQAROR IQTISODIY O`SISHNI TA`MINLASHDA "YASHIL IQTISODIYOT" GA O`TISHNING ZARURIYATI	
Ирматова Ж. К., Орипов И. Н., Назирова Р.М. ВЗАИМОДЕЙСТВИЕ НАУЧНЫХ ЦЕНТРОВ С БИЗНЕСОМ ПО РАЗРАБОТКЕ ИННОВАЦИОННЫХ НОВЫХ ВИДОВ ПРОДУКЦИИ	
Дадабоева Д. И. РОЛЬ КОМПЬЮТЕРНОЙ ГРАФИКИ В УСТОЙЧИВОМ РАЗВИТИИ И ЗЕЛЕННОЙ ЭКОНОМИКЕ	
Sh.R. Rahimqulov, M.A. Samadiy DUNYODA GLOBAL RUX OKSIDI BOZORI TAHLILI	
Акбарходжаева Х.Н. ЗЕЛЁНАЯ ЭКОНОМИКА – НАШЕ БУДУЩЕЕ	
Geetha Subramaniam, Muskan Karmani#, Lalita Ambigai Sivasamugham, Wong Ling Shing REVOLUTIONIZING MUSHROOM CULTIVATION: HARNESSING ALTERNATIVE SUBSTRATES TO CUT WASTE AND SUPERCHARGE INDUSTRY GROWTH	
Jo'raqulova Z.I., Kozimjonova A.I., Toshniyozova F.B. MASOFAVIY TA'LIM VA INTERFAOL O'QUV KONTENTLAR	
Xodjayeva N.N. TALABALARDA TA'LIM JARAYONIDAGI IJODIY FIKRLASHNI RIVOJLANTIRISH OMILLARI	
13⁰⁰ -13¹⁰	Final Remarks

3-section. Energy and resource saving technologies, biotechnologies and alternative energy sources.

Moderator: Dr. Normatov Anvar

Conference hall of the International Department

Otajonov A.SH., Bobaev I.D., Normatov A.M., Maxmudova M.M. BIOTEXNOLOGIK OB'YEKT XLORELLADAN ORGANIK O'G'IT SIFATIDA FOYDALANISH

L.M. Meyliyeva., Kh.I. Kadyrov

WASTES BASED ON POLYETHYLENE TEREPHTHALATE: PROCESSING AND NEW AREAS OF APPLICATION

WaiYie Leong, YuanZhi Leong, WaiSan Leong

SUSTAINABLE POULTRY PRODUCTION

L.U.Erkinova, G.T.Abdullaeva, K.I.Xidirov.

«PROBIOKORM» UNIVERSAL OZUQABOP QO'SHIMCHASINING QUYONLAR ORGANIZMIGA TA'SIRI

Nazarova S.B, Nazarov G'.A , Maksumxodjayeva K.S, Normatov A.M

MACLURA POMIFERA O'SIMLIK MEVASIDAN DORIVOR SPIRTLII EKSTRAKT OLIISH TEXNOLOGIYASINI ISHLAB CHIQISH

Сагдуллаева Д. С., Тураев А. С., Салиханова Д.С., Норматов А.М., Нурмухамедова В.З

ПОЛУЧЕНИЯ БИОЛОГИЧЕСКИЙ АКТИВНЫХ ВЕЩЕСТВ С ПОМОЩЬЮ ГИДРАТАЦИЯ САФЛОРОВОГО МАСЛА С СВЧ-ИЗЛУЧЕНИЕМ

Karimova N. B., Bobayev I. D.

20-GIDROKSIEKDIZONNING BIOSINTEZI, POTENSIAL FUNKTSIYALARI VA MODIFIKATSIYASI

Otajonov A.Sh., Bobayev I.D., Normatov A.M., Maxmudova M.M., Sobirov O.M.

BIOTEXNOLOGIK OB'YEKT XLORELLADAN ORGANIK O'G'IT SIFATIDA FOYDALANISH

Bobayev I.D., Normatov A.M., Majidova D.X., Yusupov N.O', Xusanov R.A.

SUV O'TI CHLORELL VULGARISNING VITAMINLAR TARKIBI

Jumaniyozova I.D, Bobayev I.D., Normatov A.M.

OZIQ-OVQAT SANOATIDA QO'LLASH UCHUN DITERPEN GLIKOZIDLARNING BIOTEXNOLOGIK MODIFIKATSIYASI

Isaqova Sh.X., Bobaev I.D., Normatov A.M., Yusupov N.O'.

KASHTAN MEVSASI TARKIBIDAGI MELANINNI ANIQLASH

13⁰⁰ -13¹⁰

Final Remarks

4-section. Green chemistry and environmental protection.

Moderator: Dr. Igitov Farrukh

Conference hall of the International Department

Igitov F. B., Yesemuratova G. B.

WASTE-FREE TECHNOLOGIES OF INDUSTRIAL WASTE PROCESSING

Сабиров Б.Т., Пулатов Х.Л., Сатторов Ш. Э., Тиллаев М.А., Турсунов Б.А.

ХИМИЧЕСКИЙ МЕТОД ВСПУЧИВАНИЯ ВЕРМИКУЛИТОВОГО КОНЦЕНТРАТА ТЕБИНСУЛАКСКОГО МЕСТОРОЖДЕНИЯ

Sharipova U.I., Ziyayeva M.A., Boboeva L.N.

TIRIK ORGANIZMLARNING BIOLOGIK EVOLYUTSIYASI

Бозорова М.Р., Шохакимова А.А.

СООТНОШЕНИЕ ИОНИТОВ И ИНЕРТНЫХ ПОЛИМЕРОВ ПРИ ПОЛУЧЕНИЯ ГЕТЕРОГЕННЫХ МЕМБРАН

Lutfullayeva N.B., Alimnazarov A., Maxamatxalilova G., Ungarova S.

ATMOSFERA HAVOSINI IFLOSLANISHINI OLDINI OLIISH CHORALARI

Саидаминова М.Р., Рахматуллаева Н. Т.

ИЗБИРАТЕЛЬНЫЙ ЭКСТРАКЦИОННО-ФОТОМЕТРИЧЕСКИЙ МЕТОД ОПРЕДЕЛЕНИЯ ОБЩЕГО СОДЕРЖАНИЯ ИОНОВ ЖЕЛЕЗА ИЗ ПРОМЫШЛЕННЫХ СТОЧНЫХ ВОД

<p>Ниязова М.М., Шавкатова Д. Б., Адылова К.М., Шарафова Д.Х. УСОВЕРШЕНСТВОВАНИЕ ПРОЦЕССА ОЧИСТКИ ПЫЛИ НА ДЖИЗАКСКОМ ЦЕМЕНТНОМ ЗАВОДЕ</p>	
<p>Р. Э. Чориев, Х. И. Кадилов, Ф. Б. Игитов, Г. М. Пармонов, А. А.Юлдашев СИНТЕЗ АЦЕТОНИТРИЛА ИЗ АЦЕТИЛЕНА И АММИАКА НА ЦИНКСОДЕРЖАЩИХ КАТАЛИЗАТОРАХ</p>	
<p>Сайфутдинов Р., Мухитдинов У.Д., Шамуратова Ш.М., Усманходжаева И.Т., Рахматуллаева Н.Т. ЭКОНОМИЯ РАСХОДА ВОДНЫХ РЕСУРСОВ ПРИ ПРОИЗВОДСТВЕ ЦЕЛЛЮЛОЗЫ ИЗ ОТХОДОВ ХЛОПКООЧИСТИТЕЛЬНОЙ ПРОМЫШЛЕННОСТИ</p>	
<p>Боймуродова М.Б., Эминов А.М., Сабиров Б.Т. ФИЗИКО-МЕХАНИЧЕСКИЕ И ТЕХНОЛОГИЧЕСКИЕ СВОЙСТВА ЛЕССОВИДНЫХ СУГЛИНОК СУЛЮКТАСАЙСКОГО МЕСТОРОЖДЕНИЯ</p>	
<p>Пулатов Х.Л., Усмонова А.Б., Назирова Р.А., Игитов Ф.Б. ИССЛЕДОВАНИЕ СОРБЦИОННЫХ СВОЙСТВ НОВЫХ СУЛЬФАТИОНИТОВ</p>	
<p>Исанова Р.Р., Нигматуллаева П.Б. ОХРАНА ОКРУЖАЮЩЕЙ СРЕДЫ ПРИ БУРЕНИИ НЕФТЯНЫХ СКВАЖИН</p>	
<p>Umarova M. B., Pulatov X. L. Проект "SWEEBGO"</p>	
<p>Арипджанов О.Ю., Хошимова З.А. ДУНЁ ВА ЎЗБЕКИСТОНДАГИ ЗАМОНАВИЙ ИҚЛИМ ЎЗГАРИШИНИНГ ҚИСҚАЧА ТАВСИФИ</p>	
<p>Умарова М.Б. , Абдуллаева М. , Муминов Ж. "БИОГАЗ" ЗЕЛЕННОЕ ЭНЕРГЕТИКА БУДУЩЕЕ УЗБЕКИСТАНА</p>	
<p>13⁰⁰ -13¹⁰</p>	<p>Final Remarks</p>

**International scientific and technical conference “Prospects for the development of innovative technologies for the production of inorganic substances and materials in the context of globalization” on the occasion of the 111th anniversary of the birth of Doctor of Technical Sciences, Academician Malik Nabievich Nabiev
May 23 -24, 2024**



**Academician Malik Nabiev
(1913-1992)**

The purpose of the international scientific and technical conference is a discussion of modern innovative technologies for the production of new inorganic substances and materials , such as catalysts, adsorbents, solid state chemistry, as well as mineral, organomineral and biofertilizers, detergents.

Within the framework of the conference, lectures and master classes will be organized by leading specialists and scientists from Russia, Belarus, Tajikistan, Kazakhstan, Kyrgyzstan , Uzbekistan and other countries.

CONFERENCE SECTIONS:

1-section. Synthesis and research of new inorganic substances and materials.

2-section. Chemical technologies and environmental protection.

3 -section. Catalysts and adsorbents in the technology of inorganic substances; solid state chemistry.

4-section. Technology of mineral, organomineral and biofertilizers.

5-section. Synthetic detergent technology.

KEY DATES

May 23, 2024 – Opening of the conference and Plenary reports .

May 24, 2024 – Sectional reports

FORMS OF PARTICIPATION IN THE CONFERENCE:

– presentation of a plenary report – up to 15 minutes (10 min. presentation and 5 min. Q&A);

- presentation with a sectional report – up to 10 minutes (7 min. presentation and 3 min. Q&A);
- participation in a conference without a report (publication of materials in a collection).



The working languages of the scientific conference are Uzbek, Russian and English.

Abstracts of reports will be posted on the international platforms Google Scholar, Zenodo with the assignment of a DOI identification number.

Executive Secretary:

Adilova Mohira Shavkatovna

Tel. :+998 (94) 282 93 63, (93) 930 33 55 .

E-mail:kafedranmkt@mail.ru

Publication of conference abstracts and articles



Following the results of the scientific week, it is planned to publish Collections of Abstracts and a Special issue of the International Journal “Chemistry and Chemical Engineering”

CONFERENCE PROGRAM

May, 23rd		
9³⁰-10⁰⁰	Registration of conference participants	Conference hall of the FTCS Tashkent Institute of Chemical Technology
10⁰⁰-13⁰⁰	Plenary session	Conference hall of the FTCS Tashkent Institute of Chemical Technology
11³⁰-11⁴⁵	Coffee break	Foyer of the FTCS Tashkent Institute of Chemical Technology
13⁰⁰-14⁰⁰	Lunch	
May 24		
10⁰⁰-13⁰⁰	Breakout sessions (online/offline)	Conference hall of the FTCS Tashkent Institute of Chemical Technology

PROGRAM

International scientific and technical conference “Prospects for the development of innovative technologies for the production of inorganic substances and materials in the context of globalization” on the occasion of the 111th anniversary of the birth of Doctor of Technical Sciences, Academician **Malik Nabievich Nabiev**

Venue: Conference hall of the Faculty of Technology of Chemical Substances of TICT

Date: May 23, 2024, **Time:** 9:30-13:00, **Address:** Tashkent, st. Mirzo Ulugbek, 41

For online participants, please connect to the Zoom conference:

<https://us06web.zoom.us/j/88109026490?pwd=v9aAon8Wi1snuXHLMBIMW0mSp1a16x.1>

Meeting ID: 881 0902 6490

Passcode: 305428

May 23, 2024 (Thursday) 9 ⁰⁰ -13 ⁰⁰ Plenary session. Conference hall, FTCS of TICT		
Moderators: <i>Koschanova Bibigul Turganbaevna</i>		
9 ³⁰ - 10 ⁰⁰	Registration of conference participants	Conference hall of the Faculty of Technology of Chemical Substances of TICT
10 ⁰⁰ - 10 ¹⁵	Opening of the conference:	Usmonov Botir Shukurillaevich Rector of Tashkent institute of chemical technology
10 ¹⁵ - 10 ³⁰	Greeting speech: JSC “Uzkimyosanoat”	Korzhikov Evgeniy Alexandrovich First Deputy Chairman of the Board
	Greeting speech: Institute of General and Inorganic Chemistry of the Academy of Sciences of the Republic of Uzbekistan.	Namazov Shafoat Sattarovich Academician of the Academy of Sciences of the Republic of Uzbekistan, Honored Inventor and Innovator of the Republic of Uzbekistan, Head of the Phosphorus Fertilizers Laboratory of the Institute of General and Inorganic Chemistry of the Academy of Sciences of the Republic of Uzbekistan, Doctor of Technical Sciences, Professor <i>“My memories of academician M.N. Nabiev, the founder of mineral fertilizers and defoliants in Uzbekistan”</i>
	Greeting speech: Physico-technical Institute of the Academy of Sciences of the Republic of Uzbekistan.	Gulomov Kodir Gofurovich Academician of the Academy of Sciences of the Republic of Uzbekistan, Chairman of the Council of Physicists of the Republic of Uzbekistan, Doctor of Physical and Mathematical Sciences, Professor, Chief Researcher
	Greeting speech: State Unitary Enterprise “Science and Development”	Negmatov Sayibzhan Sadikovich Academician of the Academy of Sciences of the Republic of Uzbekistan, Doctor of Technical Sciences, Professor, Scientific Advisor

	<p>Greeting speech: Institute of General and Inorganic Chemistry of the Academy of Sciences of the Republic of Uzbekistan</p>	<p>Zakirov Bakhtiyor Sabirzhanovich Chief researcher of the department "Nitrogen, complex fertilizers and stimulants. Group of supramolecular compounds" , Doctor of Chemical Sciences, Professor <i>"Impressions from many years of work with academician M.N. Nabiev"</i></p>
	<p>Greeting speech: JSC "Institute of Chemical Sciences named after Bekturov" (Kazakhstan)</p>	<p>Usmanov Sultan Usmanovich Head of the laboratory "Inorganic synthesis and materials", Doctor of Technical Sciences, Professor</p>
11²⁰ -11⁴⁵	Coffee break	
11⁴⁵ -12⁰⁰	<p>Scientific reports: Tashkent Institute of Chemical Technology (Uzbekistan)</p>	<p>Mirzakulov Holtura Chorievich Director of the Center "Retraining and advanced training of teaching staff" at the Tashkent Institute of Chemical Technology, Doctor of Technical Sciences, Professor. <i>"Integration of science and production in the development of scientific foundations and implementation of technology for the complex processing of phosphorites of the Central Kyzylkum region into phosphorus-containing fertilizers and phosphoric acid salts"</i></p>
12⁰⁰ -12¹⁵	<p>Scientific reports: Institute of General and Inorganic Chemistry of the Academy of Sciences of the Republic of Uzbekistan (Uzbekistan)</p>	<p>Togasharov Akhat Salimovich Head of the laboratory "Defoliant", Doctor of Technical Sciences, Professor <i>"The school of technology for obtaining low-toxic, effective defoliant"</i></p>
12¹⁵ -12³⁰	<p>Scientific reports: Belarusian State Technological University (Belarus)</p>	<p>Gavrilyuk Andrey Nikolaevich Vice-Rector for Academic Affairs , Head of the Department "Technology of Inorganic Substances and General Chemical Technology", Candidate of Technical Sciences, Associate Professor <i>"Production of complex fertilizers based on staged ammoniation in the system $NH_4^+ - PO_4^{3-} - SO_4^{2-} - H_2O$"</i></p>
12³⁰ -12⁴⁵	<p>Scientific reports: Tajik National University (Tajikistan)</p>	<p>Ruziev Djura Rakhimnazarovich Professor of the Department of "Practical Chemistry" of the Faculty of Chemistry, Doctor of Technical Sciences. <i>"Development of technology for restoring the adhesive and mechanical properties of fluorogypsum waste from hydrofluoric acid production"</i></p>
12⁴⁵ -13⁰⁰	Closing speeches	The discussion of the results.
13⁰⁰ -14⁰⁰	Lunch	

Organizing Committee of the International Scientific and Technical conference “Prospects for the development of innovative technologies for the production of inorganic substances and materials in the context of globalization” on the occasion of the 111th anniversary of the birth of Doctor of Technical Sciences, Academician Malik Nabievich Nabiev

1. Usmonov Botir Shukurillaevich, Doctor of Technical Sciences, Prof. – chairman;
2. Pulatov Khairulla Lutpullaevich, Doctor of Chemical Sciences, prof. TICT – deputy chairman;
3. Aripova Mastura Khikmatovna, Doctor of Technical Sciences, Prof. TICT – deputy chairman;
4. Babakhanova Zebo Abdullaevna, Doctor of Technical Sciences, Prof. TICT;
5. Safarov Toir Tursunovich, Doctor of Technical Sciences, Prof. TICT;
6. Mirzaqulov Kh.Ch., Director of the Center “Retraining and advanced training of teaching staff” at the Tashkent Institute of Chemical Technology, Doctor of Technical Sciences, Professor
7. Bukhorov Sh.B., Doctor of Chemical Sciences, Dean of TICT;
8. Dzhandullaeva Munavara Saparbaevna – head of the department of TICT, candidate of technical sciences, associate professor
9. Erkaev Aktam Ulashovich – professor of the department of TICT, Doctor of Technical Sciences, professor;
10. Sharipova Habiba Teshaevna – associate professor of the department of TICT, candidate of technical sciences, associate professor;
11. Adilova Mohira Shavkatovna – associate professor of the TICT department, candidate of technical sciences, associate professor, conference secretary;
12. Arifjanova Kamola Sayfullaevna – Associate Professor of the Department of TICT, Doctor of Technical Sciences, Associate Professor;
13. Melikulova Gavkhar Eshbaevna – associate professor of the department of TICT, candidate of technical sciences, associate professor;
14. Tursunova Dildora Abdusattorovna – associate professor of the department of TICT, candidate of technical sciences, associate professor;
15. Turakulov Bekhzod Begmatovich – associate professor of the department of TICT, candidate of technical sciences, associate professor;
16. Kendjaev Mirjalal Erkinovich – Associate Professor of the Department of TICT, Ph.D.
17. Yorboboiev Ruslan Chorievich – senior lecturer of the TICT department, Ph.D.
18. Radjabov Shokhrukh Shermakhmatovich - senior lecturer of the TICT department, Ph.D.
19. Bobokulov Akbar Nosirovich – doctoral student of the Department of TICT, Ph.D.;
20. Koshanova Bibigul Turganbaevna – doctoral student of the TICT department, Ph.D.;
21. Khojamberdiev Sherzod Musurmonovich – doctoral student of the Department of TICT, Ph.D.;
22. Dubovitskaya Natalya Sergeevna – senior lecturer of the TICT department;
23. Bayraeva Dildora Ashurbaevna – senior lecturer of the TICT department.



The purpose of the event - to organize employment for graduates of the institute with the involvement of representatives of leading enterprises of Uzbekistan.

Venue: Conference hall of the Faculty of Technology of Chemical Substances of TICT.

Date: May 24, 2024, **Time:** 10:00-13:00, **Adress:** 41 Mirzo Ulugbek str., Tashkent.

May 24 (Friday) 10⁰⁰-13⁰⁰ Plenary session. Conference hall FTCS TICT		
9³⁰-10⁰⁰	Registration of conference participants	Conference hall of the Faculty of Technology of Chemical Substances TICT
10⁰⁰-10¹⁵	Opening of the conference:	Usmonov Botir Shukurillaevich Rector of the Tashkent Institute of Chemical Technology
10¹⁵-10³⁰	Welcome speech: Vacancy.argos.uz	Tashkent city branch of the agency for the development of public services
10³⁰-10⁴⁵	IT-Knowledge Development Center	Rasulev F.M. Director of IT Knowledge Development Center
10⁴⁵-11⁰⁰	Closing speeches:	Shernaev Anvar Normamatovich Vice-Rector for Work with Enterprises and Educational Institutions
11⁰⁰-13⁰⁰	Meetings of graduates with representatives of enterprises, conclusion of preliminary employment contracts.	

Main stakeholders and employers: manufacturing enterprises and organizations of the Republic of Uzbekistan

“O'zkimyosanoat” AJ	Toshkent shahar ekologiya atrof-muhit muhofazasi va iqlim o'zgarishi boshqarmasi
“O'zbekneftgaz” AJ	Toshkent shahar suv ta'minoti AJ

O'zbekiston Respublikasi Kambag'allikni qisqartirish va bandlik vazirligi	Metal invent MCHJ
ARTEL ELECTRONICS MANUFACTURING	G-test MCHJ
O'z sanoatqurilishmateriallari uyushmasi	Toshkent viloyati Hidrometrologiya boshqarmasi
O'zbekiston texnik jihatdan tartibga solish agentligi	O'zbekiston Respublikasi Ekologiya, Atrof-muhitni muhofaza qilish va iqlim o'zgarishi
O'zbekiston Respublikasi yog'-moy sanoati korxonalar uyushmasi	OOO Eco Geo Construction Project Group
“Ammofos-Maksam” AJ	Davlat ekologik ekspertiza markazi DUK
“Maxam-Chirchiq” A.J.	Atrof-muhit va tabiatni muhofaza qilish texnologiyalari ilmiy-tadqiqot instituti
“Dehqonobod kaliy zavodi” AJ	Sardoba Oil Group
“Qo'ng'irotda soda zavodi”	RADIKS MCHJ
“Navoiyazot” A.J.	Jurabek LTD
“Farg'onaazot” Aj	ZUMA PHARMA MCHJ
"O'ZLITINEFTGAZ" A.J.	O'zR FA O'simlik moddalari kimyosi instituti
“Sho'rtan neft va gaz qazib chiqarish boshqarmasi”	O'zR FA Mikrobiologiya instituti
“Sho'rtan gaz-kimyos majmuasi”	O'zR FA Biorganik kimyo instituti
Farg'ona neftni qayta ishlash zavodi MChJ	Mikolino Products
“MUBARAK GAZNI QAYTA ISHLASH ZAVODI”	Rozmetov ZM MCHJ
"Uzbekistan GTL"	PROMEAT GROUP CORP MCHJ
“Buxoro neftni qayta ishlash zavodi MChJ”	Standartlashtirish, metrologiya va sertifikatlashtirish ilmiy tadqiqot instituti
“ Birinchi rezinotexnika zavodi” MChJ	O'zbekiston ilmiy-sinov va sifat nazorati markazi
“TEXNOPARK” MCHJ	O'zbekekspertiza AJ

“Asl Oyna” MChJ	O'zbekiston milliy metrologiya instituti DM
OXANGARONSEMENT AJ	UzAuto Cepla MCHJ
QK MAXSUS POLIMER ZAVODI MCHJ	Toshkent non uyushmasi
QK UZ-KOR GAS CHEMICAL MCHJ	SOVPLASTITAL A.J.
“JIZZAX PLASTMASSA” AJ	OOO Original color mix
IP OOO Veolia energy Toshkent	OOO SAMARQAND SIRIUS GROUP
“BESHEFAR GROUP” MChJ	OOO "DELTA PACKING PRODUCT"
UzKabel QK AJ	“Olmaliq kon-metallurgiya kombinati”AJ
Darvoza savdo OOO	"MGP" A.J.
“MEHNAT-PIVO” MCHJ	MCHJ "SAM ANTEP GILAM'
“Mehnat” agrofirma	MAK FOOD SERVICE LLC
“INTER ROHAT” QK	LLC "IT Knowledge Development Center"
OOO MIRZO BOBUR	"Health line" MCHJ
OOO Air Products Central Asia Group	“G'alla-Alteg"AJ
O'zCalrsberg MCHJ	“Toshkentdonmahsulotlari” AJ
EXACT MCHJ	CHEII “TOSHKENTVINO KOMBINATI”
CRAFERS MCHJ	"PETROMARUZ UZBEKISTAN" XT MCHJ
ATB TENGEBANK BXM	“Natural Juice” M. J.
AFROSIYOB ECO TEPLO MCHJ	"Asr Kimyo Invest" MChJ
LEKINTERKAPS MCHJ	“Davlat belgisi” DUK
ZAFARXON MCHJ	"Bunyod Gold" MChJ
CHEII “Bektemir-spirt eksperimental zavodi” AJ	Yangiyo'l “BIOKIMYO” AJ

“HACKATHON ”

May 20-24, 2024

Organizer: Tashkent Institute of Chemical Technology in collaboration with the Artel Innovation Training Center.

The purpose of the event is to organize practical seminars and a hackathon for students of the Tashkent Institute of Chemical Technology.

Venue: Artel Innovative Training Center (landmark: Ashgabat Park), Conference Hall of the Faculty of Chemical Substances Technology of TICT.

Date: May 20-24, 2024 , **Time:** 9:00-16:00, Tashkent.

No	Faculty name	Venue, date and time	Responsible
1.	Faculty of Chemical Technology of Fuels and Organic Compounds 25 students	Innovative training center Artel May 20, 2024 Starting time: 09:00	A.M. Mirkomilov L.Yusupova
2.	Faculty of Chemical Technology 25 students	Innovative training center Artel May 20, 2024 Starting time: 09:00	A.M. Mirkomilov Sh.B. Bukharov
3.	Faculty of Food Technology 25 students	Innovative training center Artel May 21, 2024 Starting time: 09:00	A. Mirkomilov U.N. Baltabaev
4.	Faculty of Management and Professional Education 25 students	Innovative training center Artel May 21, 2024 Starting time: 09:00	A. Mirkomilov Sh.K. Jalilov
5.	Faculty of Winemaking and Industrial Viticulture Technology 25 students	Innovative training center Artel May 22, 2024 Starting time: 09:00	A. Mirkomilov Yu. Abdullaev
6.	Completion of the hackathon and Awarding the winners as part of “Career Day”: 1, 2, 3 – Honourable places	Venue: TICT. Address: Tashkent, Faculty of Chemical Materials Technology, Conference Hall. May 24, 2024 Time: 10:00-13:00	A.N.Shernaev A.M. Mirkomilov