



QARSHI
DAVLAT
UNIVERSITETI

OEP
O'zbekiston Ekologik
partiyasi



POLYTECH
Peter the Great
St. Petersburg Polytechnic
University



ScienceInnovation
INTERNATIONAL SCIENTIFIC JOURNAL



YASHIL ENERGETIKA VA YASHIL IQTISODIYOT

XALQARO ILMIY-AMALIY ANJUMAN

TAKLIFNOMA VA DASTUR

2025-YIL 2-3-MAY

“The main principle of the modern energy system is efficiency and environmental safety. This is important not only for our economy, but also for future generations.”
Sh.M. Mirziyoyev


Dear _____!

We invite you to the International Scientific-Practical Conference, titled “Green Energy and Green Economy”, which will be held at Karshi State University.

The conference will start its work on May 2-3, 2025 at 10:00 am.

**The venue of the conference:
17, Kochabog street, Karshi city, Karshi State University**

**Contact us:
+998931558882 – Muratov Azam**



GREEN ENERGY AND GREEN ECONOMY INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE

May 2-3, 2025

Zoom link:

<https://us06web.zoom.us/j/88566772605?pwd=2dx5mSDraDiNvP8EtNnUHherQbIBAW.1>

Conference Identifier: **885 6677 2605**

Access Code: **441725**



MAY 2, 2025 (DAY 1)

University Youth Center

Registration, Exhibition Process, Music Performances (9:00-10:00)

Opening Ceremony of the Conference (10:00-11:00)



DILMUROD KHAMIDULLAEVICH NABIEV

*Rector of Karshi State University,
Doctor of Economical Sciences, Professor*

10:00-10:10



**SAIDAKHROR SAIDAKHMEDOVICH
GULOMOV**

*Honored Scientist of Uzbekistan,
Academician of the Academy of Sciences of the Republic
of Uzbekistan, Head of Department at the Institute for
Advanced Training and Statistical Research under the
State Committee of the Republic of Uzbekistan on
Statistics, Doctor of Economical Sciences, Professor*

10:10-11:20



**KALANDAR KHODJAEVICH
ABDURAKHMANOV**

*Academician of the Academy of Sciences of the Republic
of Uzbekistan, Rector of the Tashkent Branch of the
Plekhanov Russian University of Economics,
Doctor of Economical Sciences, Professor (online)*

10:20-10:30



**SADRITDIN MAKHAMATDINOVICH
TURABJANOV**

*Rector of Tashkent State Technical University named
after Islam Karimov, Academician of the Academy of
Sciences of the Republic of Uzbekistan, Doctor of
Technical Sciences*

10:30-10:40



**ISLAM ISRAFILOVICH MUSTAFAEV
(AZERBAIJAN)**

*Corresponding Member of the Azerbaijan National
Academy of Sciences, Doctor of Chemical Sciences,
Professor, Director General of the Institute of Radiation
Problems under the Ministry of Science and Education
of the Republic of Azerbaijan*

10:40-10:50



**ABDUSHUKUR KHUDAYKULOVICH
KHAMZAEV**

*Leader of the Ecological Party of Uzbekistan,
Doctor of Agricultural Sciences, Professor*

10:50-10:60

Coffee Break (11:00–11:20)

Plenary Session



SERGEY NIKOLAEVICH BOBYLEV (RUSSIA)

*Honored Scientist of the Russian Federation,
Academician of the Russian Academy of Natural
Sciences and the Russian Ecological Academy,
UN Expert, Head of “Environmental Economics”
Department at Moscow State University named after
Lomonosov, Doctor of Economical Sciences, Professor*

Green Economy and Sustainable Financing

11:20-11:35



PROF. DR. DIPAK RAJ PANT (Italy)

*Professor at “Economics and Management” Faculty of
of Cattaneo University (Italy), Director and Founder of
the Interdisciplinary Department of Sustainable
Economy*

**Business ethics, environmental justice and the path
to sustainability
11:35-11:50**



SUDAR NIKOLAY TOBISOVICH (Russia)

*Doctor of Physical and Mathematical Sciences,
Professor at the School of Electronics and
Microengineering,*

Institute of Electronics and Telecommunications
**Water-soluble polymeric materials for organic
electronics
11:50-12:05**



BABKIN ALEKSANDR VASILEVICH (Russia)

*Professor at the School of Industrial Management,
Economics and Trade, Saint Petersburg State
Polytechnical University of Peter the Great,
Doctor of Economical Sciences, Professor*

**Biotechnology and Green Economy as drivers of
digital transformation of intellectual ecosystems in
the context of industry 5.0/6.0
12:05-12:20**



ALLAEV KHAHRAMON RAKHIMOVICH

*Doctor of Technical Sciences, Academician, Tashkent
State Technical University*

**Prospects for the development of the energy sector
in Uzbekistan and the world (online)
12:20-12:30**



BOBYLEVA ALLA ZINOVIEVNA (Russia)

*Head of “Financial Management” Department,
“Public Administration” Faculty, Moscow State
University named after Lomonosov,
Doctor of Economical Sciences,
Professor*

**Sustainable development and the role of business in
its implementation
12:30-12:45**



MUKHAMMAD RIZA BAKHRAMI (Iran)
*Professor at Samarkand International Institute of
Technology, Head of the Scientific Department*
**QUBO Model for energy scheduling in a zero-
energy building (ZEB): A Quantum annealing
approach**
12:45-13:00

FOTOSESSION (13:00-13:10)

LUNCH (13:10-14:30)
(*“Anor” restaurant of university*)

CONGRATULATORY SPEECH



KHOFIZOV BAKHRIDDIN TURDIEVICH
*First Deputy Chairman of the Executive Committee of
the Central Council of the Ecological Party of
Uzbekistan, Candidate of Agricultural Sciences,
Associate Professor*
14:30-14:40

GENERAL MEETING



UMIRZAKOV BOLTAKHOJA ERMATOVICH
*Doctor of Physical and Mathematical Sciences,
Professor, Tashkent State Technical University*
**Composition, structure, emission and optical
properties of nanostructures created from binary
materials**
14:40-14:55



VAKHABOV ABDURAKHIM VASIKOVICH
*Head of “Macroeconomics” Department,
National University of Uzbekistan named after Mirzo
Ulugbek, Doctor of Economical Sciences, Professor*
**Market implementation drivers and development
trends of global green investment**
14:55-15:10



KALININA OLGA VLADIMIROVNA (Russia)
*Director of the School of Industrial Management,
Institute of Industrial Management, Economics and
Trade, Peter the Great St. Petersburg Polytechnic
University, Doctor of Economical Sciences, Professor
(online)*

**Carbon dioxide emissions reduction: strategies and
methods for organizations
15:10-15:20**



**ANOPCHENKO TATYANA YUREVNA
(Russia)**
*Honored worker of Higher Education of the Russian
Federation, Professor at Plekhanov Russian University
of Economics, Doctor of Economical Sciences*
**ESG tools as a factor in enhancing the
competitiveness of regional economies
15:20-15:35**



BARIKIN SERGEY YEVGENEVICH (Russia)
*Deputy Director for Research,
Higher School of Service and Trade,
Institute of Industrial Management, Economics and
Trade, Peter the Great St. Petersburg Polytechnic
University, Doctor of Economical Sciences, Professor
(online)*

**Assessment of the impact of logistics activities on
agriculture and environmental sustainability in the
context of export-import prospects of Ethiopia
15:35-15:45**



NAVRUZ-ZODA BAKHTIYOR NEGMATOVICH
*Professor of "Management and Marketing"
Department, Bukhara State University,
Doctor of Economical Sciences, Professor*
**The Essence and structure of the green economy
15:45-16:00**



MYASNIKOVA OLGA VYACHESLAVOVNA
(Belarussia)

*Associate Professor of "Logistics" Department,
Business Institute of Belarusian State University,
Candidate of Economical Sciences*

**Green logistics 6.0: concepts and solutions for
achieving environmental, social and governance
(ESG) Goals
16:00-16:15**



PENKOVA INESSA VYACHESLAVOVNA (Russia)

*Head of "Economics and Management" Department
at the St. Petersburg University of Trade Unions of
Humanities, Doctor of Economical Sciences, Professor*

**"Green Economy": priorities and realities in the
world and in Russia
16:15-16:30**



**YAKUSHENKO KSENIYA
VALENTINOVNA (Belarussia)**

*Vice-Rector for Research at the Belarusian National
Technical University, Doctor of Economical Sciences,
Associate Professor (online)*

**Bioeconomic strategies in distant foreign countries
16:30-16:40**



KUZNETSOVA ALFIYA RASHITOVNA
(Bashkortostan)

*Deputy Director for Research
at the Institute for Strategic Studies of
the Republic of Bashkortostan,
Professor at the Bashkir State Agrarian University,
Doctor of Economical Sciences, Professor (online)*

**Environmental processes in the Republic of
Bashkortostan
16:40-16:50**



KHAMRAEVA SAYYORA NASIMOVNA

*Head of “Innovative Economy” Department
at Karshi State Technical University,
Doctor of Economical Sciences, Professor*

**Prospects for the development of the “Green
Economy” in the Republic of Uzbekistan**

16:50-17:00



NORMURADOV MURADULLA TOGAEVICH

*Doctor of Physical and Mathematical Sciences,
Professor, Karshi State University*

**Nanotechnology, thin film formation and their
development**

17:00-17:10



PARMANASOVA AYSULU JEYENALIEVNA

*Deputy Director of the Institute for Advanced Training
and Retraining of Personnel under Jusup Balasagyn
Kyrgyz National University,*

PhD in Economical Sciences, Associate Professor

**Development of electric transport in Kyrgyzstan:
trends, challenges and prospects**

17:10-17:15



**JABBOROV KHAYITMUROD
ESHMOMINOVICH**

*PhD of the Tashkent State Technical University
named after Islam Karimov.*

**Computer modeling of the processes of interaction
of metal atoms with the fullerene C₆₀ molecule**

17:15-17:20

UNIVERSITY CAMPUS TOUR

17:20-17:30

University Incubation Center

17:30-17:50

Tourism Laboratory

17:50-18:10

Alternative Energy Sources Laboratory

18:10-18:30

University Library

18:30-18:50

New Building for Language Education

18:50-19:00

Registration Office

DINNER (19:00-21:30)

(“Toj Mahal” Restaurant, Karshi City.

Transportation by bus will be provided from the main entrance of University)

MAY 3, 2025 (DAY 2)

Zoom link:

<https://us06web.zoom.us/j/86202416927?pwd=r5dm9j5k000tNWb8dqvxYn2l30b3vw.1>

Conference ID: 862 0241 6927

Access code: 487987



SECTIONAL PRESENTATIONS

(10:00 AM – 1:00 PM)

SECTION 1

GREEN ECONOMY

Main Conference Hall, University Main Building

CHAIRPERSON: BABKIN ALEKSANDR VASILEVICH

Doctor of Economical Sciences, Professor at the Higher School of Industrial Engineering and Economics, Institute of Industrial Management, Economics and Trade, Peter the Great St. Petersburg Polytechnic University

SECRETARY: OCHILOV AKRAM ODILOVICH

Doctor of Economical Sciences, Professor, Head of “Economics” Department, Karshi State University

	Full name	Place of work and position	The topic of the lecture
1	Ochilov Akram Odilovich	Head of “Economics” Department, Karshi State University, Doctor of Economical Sciences, Professor	Мировой и национальный опыт (на примере Узбекистана), государственная политика и стратегические подходы к решению экологических проблем в контексте развития зеленой экономики
2	Ergashev Rakhmatulla Khidirovich	Professor of “Innovative Economy” Department, Karshi State Technical University, Doctor of Economical Sciences	Innovatsion texnologiyalar asosida meva-sabzavotchilik mahsulotlari kooperatsiyasining samaradorligini oshirish yo‘llari
3	Oripov Ilkhom Abdullaevich	Advisor to the General Director of “Uzbekinvest” Export-Import Insurance Company Joint Stock Company, Master student of Economics	Зеленое финансирование и его развитие в Узбекистане
4	Okorokov Roman	Associate Professor at the	Цифровая трансформация в

	Vasilevich, Zarey Kariani Sadeg	Higher School of Industrial Management, Peter the Great St. Petersburg Polytechnic University, Doctor of Economical Sciences, Professor; Doctoral student at the Higher School of Industrial Management, Peter the Great St. Petersburg Polytechnic University	энергетическом секторе Исламской Республики Иран
5	Yadgarov Akram Akbarovich	Professor of “Green Economy” Department, Tashkent State University of Economics, Doctor of Economical Sciences	O‘zbekistonda yashil iqtisodiyotni rivojlantirish istiqbollari
6	Erkaeva Gulbakhor Panjievna	Professor of “Economics” Department, Karshi State University, Candidate of Economical Sciences	Yashil iqtisodiyot – barqaror rivojlanishning muhim omili sifatida
7	Titov Aleksandr Borisovich; Afanasyeva Irina Igorevna	Associate Professor at the Higher School of Industrial Management, Peter the Great St. Petersburg Polytechnic University; Researcher at the St. Petersburg Branch of the Finance University under the Government of the Russian Federation	Перспективы использования волновых электростанций в условиях цифровой трансформации
8	Kochkorov Gaybulla Fayzullaevich	Professor, “Economics” Department, Karshi State University, Candidate of Economical Sciences	O‘zbekistonni "yashil" iqtisodiyotga o‘tish mexanizmini shakllantirish
9	Khajimuratov Abdukahhor Abdumutalovich	Associate Professor at the “Social Sciences” Department, Ferghana Public Health Medical Institute, Doctor of Economical Sciences	Yashil iqtisodiyot shakllanishi jarayonida tadbirkorlik muhitining omillari
10	Chayuk Sergey	Assistant at the Higher	Практическое применение

	Vladimirovich	School of Industrial Management, Peter the Great St. Petersburg Polytechnic University	искусственного интеллекта в энергетике
11	Djurayev Olimjon Narkulovich	Associate Professor at “Economics” Department, Karshi State University, Doctor of Philosophy on Economical Sciences	Korxonalarda xodimlarni boshqarishning asosiy tamoyillari
12	Ostanova Mashkhura Egamberdievna	Senior Lecturer at “Economics” Department, Karshi State University.	Innovatsion iqtisodiyot sharoitida inson kapitalini rivojlantirish masalalari
13	Raimova Muborak Jorayevna	Senior Lecturer of “Tourism and Marketing” Department, Karshi State University	Экологический маркетинг и поведение потребителей
14	Kadirov Lutfulla Khalimovich	3rd-year doctoral student of “Economics” Department, Karshi State University.	O‘zbekiston Respublikasi tijorat banklari moliyaviy boshqaruv tizimini takomillashtirish
15	Sharopov Temurmaliq Rustamovich	2nd-year doctoral student of “Economics” Department, Karshi State University	Ensuring the Alignment of Higher Education and the Labor Market Based on Digital Technologies
16	Salimov Mukhammadbobur Kodirovich	2nd-year doctoral student of “Economics” Department, Karshi State University	Raqamli transformatsiya jarayonida davlat fuqarolik xizmati sohasining samaradorligini oshirish xususiyatlari
17	Yaxshikulova Moxinur Tokhirovna; Khuudoyberdieva Olima	Intern Lecturer at “Economics” Department, Karshi State University; Bachelor student on Economics specialty, Karshi State University	The Role of Renewable Energy in the Green Economy
18	Rakhmonova Durdona Khasanovna	1st-year doctoral student of “Economics” Department, Karshi State University	Инвестиции и их влияние на экономику Кашкадарьинской области
19	Vayskulov Ramazon Alisherovich	1st-year doctoral student of “Economics” Department, Karshi State University	O‘zbekiston iqtisodiyotida raqamli transformatsiyalashning ahamiyati

SECTION 2
GREEN ENERGY

“Physics” Faculty, Room- 112

CHAIRPERSON: MUSTAFAYEV ISLAM ISRAFILOVICH

*Corresponding Member of the Azerbaijan National Academy of Sciences,
Doctor of Chemical Sciences, Professor, Director of the Institute of Radiation Problems
of the Ministry of Science and Education of the Republic of Azerbaijan*

SECRETARY: UTAYEV S

*Head of “Economics” Department, Karshi State University, Doctor of Economical
Sciences, Professor*

<i>T/r</i>	<i>Full name</i>	<i>Place of work and position</i>	<i>The topic of the lecture</i>
1.	B. Atabaev	Institute of Ion-Plasma and Laser Technology	Impact of wavelength/intensity and vacuum temperature-desorption on defects of laser induced graphene
2.	Avezova Nilufar Rabbanakulovna	Professor, Fergana Pedagogical Institute	Фотоэлектрические насосные станции с трансформатором скотта для водного и сельского хозяйства (он-лайн)
3.	Alexander Khmaladze (USA)	Professor, University at Albany, State University of New York	Chemical Mapping of Nanofibers by Confocal Raman Microscopy
4.	Akhadov Jobir	Professor , the Academy of Sciences of the Republic of Uzbekistan	Исследование влияния тепловых характеристик окружающей среды на тепловые режимы прозрачных ящиков (он-лайн)
5.	Khayriddinov Botir Egamberdievich	Professor, Karshi State University	Экономичная теплозащита и энергоэффективность систем наружных и внутренних ограждений в птицеводческих помещениях

6.	Allayarova G.Kh.	Associate Professor, Karshi State University	Получения и изучения MoSi_2 , состава структуры и физические свойств нанопленок MoSi_2/Si
7.	Eshmatov Mansur	Associate Professor, Turon University	Fotoelektrik batareyalarga tashqi degradatsion ta'sirlarni kamaytirish asosida yillik energiya samaradorlikni hisoblash
8.	Shokhrukhbek Bakhramov Kozimjonovich	Doctoral student, Andijan State Technical University	Implementation of green renewable hydrogen energy production through optimized alkaline electrolysis (online)
9.	Davronov Khujamkul Jorakulovich	Doctoral student, Karshi State University	“Ion-plazma usuli bilan yangi nanomateriallar hosil bo‘lishi va ularning elektron xossalari”
10.	Qodirov Asilbek Rakhmonovich	Doctoral student, Karshi State University	“Fotoelementlarning samaradorligini oshirishda nanotexnologiyaning roli”
11.	Davlatov Muzaffar Abduhamidovich	Doctoral student, Karshi State University	“Elementar va binar yarimo‘tkazgich yupqa plyonkalarining hosil bo‘lishi va ularning xossalari”
12.	Eshboboyev Sardor Nurboboovich	Doctoral student, Karshi State University	“Ion-plazma usuli bilan olingan ikki komponentli silitsidlarning sirt va sirt osti xossalari”
13.	Farmonov Jasur Rustamovich	Researcher of Karshi State University	Quyosh stansiyasini samarador - ligini optimallashtirish, energiya prognozini yaxshilash va xatoliklarni oldindan aniqlashda Sun'iy Intellektning o'rni (online)
14.	Majidova Makhliyo	Master student, Karshi State University	Quyosh panellarining foydali ish koeffitsiyentini oshirish usullari
15.	Kamola Musurmonova	Master student, Karshi State University	Qarshi shahri sharoitda quyosh panellarining elektr ishlab chiqishda changning tasiri

16.	Batirov Artur Magometovich	<i>Yugra State University, Khanty-Mansiysk, Russia.</i>	Новые технологии в строительстве магистральных нефтегазо -проводов: экологические решения в условиях крайнего севера и в арктических регионах (online)
17.	Omonova Sitora Zafarovna	Master student, Karshi State University	Quyosh energetik qurilmalari samaradorligini oshirish texnologiyalari tahlili

LUNCH (13:00–14:00)
(University's “Anor” Restaurant)

VISIT TO THE “ABU MOYIN NASAFIY” TRIP TO THE SACRED PLACE
(14:30–18:00)

**(The bus will depart at 14:30
from the front side of university main entrance)**

DINNER (18:00–20:00)
(“Apelsin” Restaurant, Karshi City)



