



EKTU
ISTC

XII Халықаралық ғылыми-
техникалық конференция
XII International scientific and
technical conference



PROGRAM

OF THE SCIENCE WEEK AT D. SERIKBAYEV EAST KAZAKHSTAN TECHNICAL UNIVERSITY



APRIL 8–17, 2026



SCIENCE WEEK 2026

PROGRAM



DAY №1 - APRIL 8

7.45	<p>Opening Ceremony of Science Week Presentation of the «EKTU SCIENCE WEEK» Program</p> <ul style="list-style-type: none"> • Display of a banner featuring the key events of Science Week • Screening of promotional videos on four information panels (Competence Center «Smart Engineering», Center of Excellence «VERITAS», Research Center «Protective and Functional Coatings», University Museum, International Research Center «DIGITAL SOCIAL RESEARCH») <p>Venue: 1st Floor, Main Lobby</p>
14.30	<p>Round Table Discussion «Green Technologies and Sustainable Development in the Automotive Industry: Partnership Without Borders», jointly organized with the Pakistan company Hyundai Nishat Motors (online format)</p> <p>Participants: Master's students, PhD students, and academic staff of the educational programs: «Mechanical Engineering», «Transport, Transport Equipment and Technologies», «Organization of Transportation, Traffic and Transport Operations», «Mineral Processing», «Metallurgy»</p> <p>Responsible persons: Senior Researcher R.U. Mukasheva, Heads of Educational Programs «Mechanics and Metalworking», «Transport, Transport Equipment and Technologies»</p> <p>Venue: Building No. 1, Room 210</p>

DAY №2 - APRIL 9

13.00	<p>Scientific Interactive Event «Archaeology Without Dust: Ancient Technologies and Digital Discoveries»</p> <p>Participants: School students of Ust-Kamenogorsk, university students, staff, and anyone interested in exploring the past using modern research methods</p> <p>Responsible person: Head of the Research Center «Center for Archaeological Science and Technology» O.V. Zaitseva</p> <p>Venue: University Museum</p>
15.00	<p>Plenary Session of the XII International Scientific and Technical Conference for students, Master's and PhD students, and young researchers «Artificial Intelligence and Innovation: New Challenges and Engineering Solutions for the Future», dedicated to the Year of Digitalization and Artificial Intelligence</p> <p>Responsible unit: Department of Research Activities</p> <p>Venue: Column Hall</p>
16:00	<p>Scientific Seminar «Protective Coating Technology: Modern Methods and перспективные Developments» with the participation of an international scholar, PhD Evgenia Yakushina (Technical Director, Chief Knowledge Exchange Researcher, University of Strathclyde, United Kingdom)</p> <p>Participants: Master's students, PhD students, and young researchers of the educational programs: «Technical Physics», «Metallurgy», «Mechanical Engineering»</p> <p>Responsible persons: Researchers of the Research Center «Protective and Functional Coatings» N.M. Magazov, Z.E. Aringozhina</p> <p>Venue: Room G1-115</p>

DAY №3 - APRIL 10

10.00	<p>EKTU Intellectual Heights: S³ – Science • Study • Start. The Science of Precise Solutions</p> <p>Participants: Students of Grades 10–11 from general secondary education institutions</p> <p>Responsible persons: Educational Program «Metallurgy» (B.S. Saurbayeva, N.V. Seraya); Educational Program «Technical Physics» (G.U. Yerbolatova, D.K. Eskermesov); Educational Program «Mathematics» (Zh.A. Askerbekova, B.D. Bakytbekova)</p> <p>Venue: Rooms G1-217, G1-302, G1-304, G1-325</p>
10.00	<p>AI-Sana: EKTU Demo Day</p> <p>Participants: School students of Ust-Kamenogorsk</p> <p>Responsible persons: Academic staff of the School of Digital Technologies and Artificial Intelligence, M. Malikov</p> <p>Venue: Assembly Hall</p>
10.00	<p>Round Table Discussion «Digital Terra: Science and Industry in Territorial Development»</p> <p>Participants: Undergraduate and graduate students of educational programs in Earth Sciences, representatives of: «Geos» LLP; National Center for Integrated Processing of Mineral Raw Materials of the Republic of Kazakhstan (VNIItsvetmet); «Topaz Mining Company» LLP</p> <p>Responsible persons: Senior Researcher B.B. Agaliyeva, A.M. Gabitova</p> <p>Venue: Room G1-101</p>
10.00	<p>Seminar-Training «Science for Industry. Non-Destructive Testing of Concrete Quality»</p> <p>Participants: Representatives of «Ul'batekhcenter» LLP, «ANT Project» LLP, «EXPERT PRO» LLP, students, Master's students, and academic staff of the educational program «Civil Engineering»</p> <p>Responsible persons: Head of the Competence and Technology Transfer Center in Construction - O.V. Rudenko; Head of Educational Program A.K. Aitkazina</p> <p>Venue: Room GL-106</p>

DAY №3 - APRIL 10

12.00	<p>Official Opening of the Classroom «Occupational Health and Safety Management Systems»</p> <p>Participants: Students, Master’s students, and academic staff of the educational program «Life Safety and Environmental Protection» Responsible person: A.Sh. Bukunova</p> <p>Venue: Room G3-301</p>
14.00	<p>Workshop «Modern Approaches to the Conservation and Sustainable Use of Forest Resources»</p> <p>Participants: Students of the educational program «Forest Resources» Responsible persons: Senior Lecturers A.R. Toktargaliyeva, S.S. Lutay</p> <p>Venue: Room G3-211</p>
16.00	<p>Closing Session of the XII International Scientific and Technical Conference for students, Master’s students, PhD students, and young researchers «Artificial Intelligence and Innovation: New Challenges and Engineering Solutions for the Future», dedicated to the Year of Digitalization and Artificial Intelligence</p> <ul style="list-style-type: none"> • Reports of section chairpersons • Adoption of the conference resolution <p>Participants: Students, Master’s students, PhD students, young researchers, academic staff, and representatives of the Department of Research Activities Responsible person: Chief Specialist A.K. Zhunusova</p> <p>Venue: Room G1-101</p>

DAY №4 - APRIL 13

13.00	<p>Interactive Lecture «To Buy or To Share: The Economy of a New Era»</p> <p>Participants: School students of Ust-Kamenogorsk Responsible persons: Head of Educational Program, Business School – E.V. Varavin; Chief Researcher, International Research Center «DIGITAL SOCIAL RESEARCH» – E.O. Stolyarova</p> <p>Venue: Room G1-223</p>
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DAY №5 - APRIL 14

10.00	<p>Practical Master Class «From Physical Object to Digital Twin: Methods of High-Precision Spatial Measurements»</p> <p>Participants: Master's and PhD students of the educational program «Mechanical Engineering» Responsible person: A.A. Kuralkhanova</p> <p>Venue: Competence Center «Smart Engineering»</p>
10.00	<p>Round Table Discussion «From Classroom to Career» Meeting with alumni in a hybrid format</p> <p>Participants: Alumni, young professionals, Master's students, and students of the educational program «Water Resources and Water Management» Responsible person: Head of Educational Program «Water Resources and Water Management» – Yu.N. Yeremeyeva</p> <p>Venue: Room G2-106</p>
12.00	<p>Practical Master Class «TGA Without Distortion: Sample Preparation and Accurate Results» (Format: intensive laboratory training)</p> <p>Participants: Master's students, PhD students, and young researchers of the educational programs: «Technical Physics», «Metallurgy», «Mechanical Engineering» Responsible persons: E. Tabieva, E. Kozhakhmetov</p> <p>Venue: Center of Excellence «VERITAS»</p>

DAY N°6 - APRIL 15

10.00	<p>Regional Scientific School «CONSTRUCTIVE INTERCULTURAL DIALOGUE IN THE YOUTH ENVIRONMENT» Session XXIII: The City as a Space for Youth Self-Realization</p> <p>Participants: Students of regional universities Responsible unit: Staff of the International Research Center «DIGITAL SOCIAL RESEARCH»</p> <p>Venue: Room G1-115</p>
11.00	<p>Round Table Discussion «The Era of Artificial Intelligence: How Tools Shape the World» with the participation of invited professor Amirhosein Mosavi (Obuda University, Hungary)</p> <p>Participants: Students, Master's students, PhD students, and academic staff of the educational programs: «Automation and Control»; «Computer Engineering and Software»; «Information Systems» Responsible person: Senior Researcher A.A. Naizabayeva</p> <p>Venue: Room G2-415</p>

DAY N°7 - APRIL 16

10.30	<p>Regional Scientific School «CONSTRUCTIVE INTERCULTURAL DIALOGUE IN THE YOUTH ENVIRONMENT» Session XXIII: The City as a Space for Youth Self-Realization</p> <p>Participants: Students of regional universities Responsible unit: Staff of the International Research Center «DIGITAL SOCIAL RESEARCH»</p> <p>Venue: «House of Friendship» – Center for Public Harmony Department of Internal Policy of East Kazakhstan Region</p>
14.00	<p>Hackathon Dedicated to solving industrial challenges in the energy sector among school teams of Ust-Kamenogorsk and the East Kazakhstan Region</p> <p>Participants: School students of Ust-Kamenogorsk and the region Responsible persons: Head of Educational Programs «Electric Power Engineering», «Thermal Power Engineering» – A.A. Sarsenova; Academic staff of the School of Architecture, Construction and Energy</p> <p>Venue: Column Hall</p>

DAY N°8 - APRIL 17

10.00

EKTU RnD FORUM 2026 «Rare Earth Metals of Kazakhstan: Challenges, Solutions and Strategies»

Participants: University researchers and representatives of mining and metallurgical enterprises

Responsible persons: Director of the Department of Research Activities – G.K. Uazyrkhanova, Senior Researcher of the School of Earth Sciences – B.B. Agaliyeva

Venue: Column Hall, Foresight Session Rooms

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