

# Curriculum Vitae

## Personal Information

**First Name:** Algazy

**Family Name:** Zhauyt

**Place and Date of Birth:** China, 12.08.1978

## Contact Information

**Cell:** +77053256860

[algazy.zh78@gmail.com](mailto:algazy.zh78@gmail.com)

[algazy.zh78@gmail.com](mailto:algazy.zh78@gmail.com) & [a.zhauyt@ues.kz](mailto:a.zhauyt@ues.kz)

## Public Research Profiles

**Publons:**

<https://publons.com/researcher/3231091/algazy-zhauyt/>

**ORCID:**

<https://orcid.org/0000-0003-3905-6928>

**ResearchGate:**

<https://www.researchgate.net/profile/Algazy-Zhauyt>

**Google Scholar:**

<https://scholar.google.com/citations?user=lCkrZvNYEPM&hl=en>

**LinkedIn:**

<https://www.linkedin.com/in/algazy-zhauyt/>

**Web of Science:**

<https://www.webofscience.com/wos/author/record/1896916>

**Scopus:**

<https://www.scopus.com/authid/detail.uri?authorId=57219936195>

## Current Positions (Official Offer Letters are Provided)

**Position #1:** Professor, [Department of Aerospace and Electronic Engineering](#), Institute of Telecommunications and Automation, Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeyev, Almaty 050013, Kazakhstan. **(2021-Now): Full-Time**

- **Responsibilities:** Doing Research Works, Teaching and Supervising Doctoral and Postgraduate Students

**Position #2:** Associate Professor, [Department of Electronics and Robotics](#), Institute of Communication and Aerospace Engineering, Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeyev, Almaty 050013, Kazakhstan. **(2018-2021): Full-Time**

- **Responsibilities:** Doing Research Works, Teaching and Supervising Doctoral and Postgraduate Students

**Position #3:** Adjunct Research Associate Professor, [Department of Transport Construction](#), Institute of Transport and Construction, Mukhametzhan Tynyshbayev ALT University, Almaty 050012, Kazakhstan. **(2022-2024): Part-Time**

- **Responsibilities:** Doing Research Works and Supervising MS Students

**Position #4:** Associate Professor, [Department of Engineering Disciplines](#), The Faculty of Pharmacy and Pharmaceutical Manufacturing Technology, Kazakh National Medical University named after S.D.Asfendiyarov, Almaty 050012, Kazakhstan. **(2022-2023): Part-Time**

**Position #5:** Senior-Lecturer, [Department of Applied Mechanics and Engineering Graphics](#), Institute of Mechanical Engineering, Kazakh National Technical University named after K.I.Satbayev, Almaty 050013, Kazakhstan. **(2012-2018): Part-Time**

- **Responsibilities:** Doing Research Works and Supervising BS Students

## Professional Services and Key Responsibilities (The Most Current)

**Editor-in-Chief**, [Journal of Mechanical Engineering, Automation and Control Systems \(JMEACS\)](#), Publisher Extrica, Lithuania. [WoS and Scopus Indexing in Progress]

**Associate Editor**, [Bulletin of AUPET](#), Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeyev, Kazakhstan. [Scopus Indexing in Progress]

**Editor-in-Chief**, [Technical Journal of Daukeyev University](#), Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeyev, Kazakhstan. [Scopus Indexing in Progress]

**Quest Editor**, [Power Losses and Mechanical Efficiency of Mechanical and Other Drives](#), Special Issue of Energies, Switzerland. [WoS and Scopus Indexed]

**Editorial Board Member**, [Vibroengineering Procedia](#), Extrica, Lithuania. [Scopus Indexed]

**Editorial Board Member**, [Scientific Journal Astana IT University](#), Astana IT University, Astana 010000, Kazakhstan [WoS and Scopus Indexing in Progress]

**Editorial Board Member**, [ACE International Publications](#), Mugal Canal, Karnal, India.

**Editorial Board Member**, [EPH International Publications](#), Delhi, India.

**Editorial Board Member**, [International Journal of Mechanical Engineering and Applications](#), Science Publishing Group, New York, USA.

## International Technical Committee Membership (The Most Current)

- Member of the International Academy of Informatization, Almaty 050000, Kazakhstan.
- Member of the Weifang Convention and Exhibition Industry Association, Technical Committees, Weifang City, China
- Member of the Shandong Convention and Exhibition Industry Association, Technical Committees, Shandong Province, China
- Member of the National Scientific Councils of the Republic of Kazakhstan, Direction "Advanced Manufacturing, Digital and Space Technologies", Kazakhstan.
- Member of the scientific secretary of the direction "General and complex problems of technical and applied sciences and branches of the national economy" of scientific and pedagogical cooperation of the International Mariinsky Academy named after M.D. Shapovalenko, Russian.

## Educational and Research Background

- **Associate Professor:** By the decision of the Committee for Quality Assurance in Education and Science under the Ministry of Education and Science of the Republic of Kazakhstan on March 15, 2021, he was awarded the academic title of Associate Professor in Mechanical Engineering.
- **Ph.D. of Mechanical Engineering:**  
At the Applied Mechanics and Engineering Graphics Department, Institute of Mechanical Engineering, Kazakh National Technical University named after K.I.Satbayev, Kazakhstan. (Graduation Date: 2015)  
**Thesis Topic:** "The Substantiating of the Dynamic Parameters of the Shaking Conveyor"
- **Master of Mechanical Engineering:**  
At the Applied Mechanics and Engineering Graphics Department, Institute of Mechanical Engineering, Kazakh National Technical University named after K.I.Satbayev, Kazakhstan. (Graduation Date: 2012)

## Thesis Topic: "Dynamic Analysis of Vibrating Conveyor"

### ➤ Bachelor of Mechanical Engineering:

At the Applied Mechanics and Engineering Graphics Department, Institute of Mechanical Engineering, Kazakh National Technical University named after K.I.Satbayev, Kazakhstan. (Graduation Date: 2009)

## Honors, Awards, and Patents

- 2024, **Awards**: Winners of state awards "Best University Teacher - 2024".
- 2022, **Patent**: "Aggregate of Binder Distributor", Patent Application Publication № 35553, Kazakhstan "National institute of intellectual property".
- 2019, **Certificate**: "Cutting Tool", Certificate Application Publication № 2356, Certificate of entry of information into the state register of rights to objects protected by copyright, Kazakhstan.
- 2019, **Certificate**: "Design and Production of Workpieces in Mechanical Engineering", Certificate Application Publication № 2406, Certificate of entry of information into the state register of rights to objects protected by copyright, Kazakhstan.
- 2020, **Certificate**: "Information Technologies in Mechanical Engineering", Certificate Application Publication № 14994, Certificate of entry of information into the state register of rights to objects protected by copyright, Kazakhstan.

## Research Grants/Fundings/Contracts

Title	Sponsor	Role*	Amount (KZT)	Year
Applied curricula in space exploration and intelligent robotic system	Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeyev	Co-I	5,000,000	2017-2019
Structural-Parametric Synthesis of Actuators of Machines and Manipulators	Kazakh National Technical University named after K.I.Satbayev	Co-I	45,000,000	2018-2020
To Develop a Control System for the Orientation of Nanosatellites with Flywheels as Actuators Based on Linearization Methods	Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeyev	P-I	100,000,000	2023-2025
Development of a Continuum Robot Control System Using Computer Vision	Academy of Civil Aviation	P-I	30,000,000	2024-2026
Enhancing Rehabilitation and Support to Children with Musculoskeletal & Neurological Disorders through Innovative Robotic Devices	Nazarbayev University	Co-I	854182699.32	2024-2026
To develop a multifunctional robotic system for military use with the ability to search for and	Almaty University of Power Engineering and Telecommunications named	Co-I	700,000,000	2024-2026

neutralize mines, ammunition and improvised devices	after Gumarbek Daukeyev			
---	-------------------------	--	--	--

\*P-I: Principal Investigator (Executor)

Co-I: Co-Investigator (Colleague)

## Research Interests

- Direct and Inverse Kinematics Problems for Various Robots
- Kinematic and Dynamic Synthesis of Planar and Spherical mechanisms
- Automation Control Systems and Manufacturing Rotating Machinery
- Kinematic and Dynamic of Planetary Gears
- Fatigue of Materials and Machine Elements
- Automation in Robotics and Mechatronics and Expert Systems
- Mechanical Engineering and Automation Control Systems
- Theory of Control Systems and Design of Machine Tools
- Finite Element Modelling and Analyses of Complex Structures
- Mechanical Design and Machine Construction
- Non-Linear Modelling, Simulation, and Analysis of Structures
- Reliability-Based Design Optimization (RBDO)
- Multi-disciplinary Design Optimization (MDO) under Uncertainty

## Invited Reviewer for Indexed Journals

- Sensors (Switzerland)
- Sustainability (Switzerland)
- Agriculture (Switzerland)
- Machines (Switzerland)
- Mathematics (Switzerland)
- Aerospace (Switzerland)
- AgriEngineering (Switzerland)
- Symmetry (Switzerland)
- Processes (Switzerland)
- Applied Sciences (Switzerland)
- Journal of Theoretical and Applied Mechanics (Poland)
- International Journal of Mechanical Engineering and Robotics Research (India)
- Open Engineering (Poland)
- Periodica Polytechnica Transportation Engineering (Hungary)
- International Journal of Engineering and Technology Innovation (Taiwan)
- Vibroengineering Procedia (Lithuania)
- Engineering for Rural Development (Latvia)
- Journal of Mechanical Engineering, Automation and Control Systems (Lithuania)

## Collaboration with International Conferences and Congresses (Selected ones)

- 247<sup>th</sup> Electrochemical Society Meeting, Montreal, Canada, May 18-22, 2025: *Technical Committee*
- 24<sup>th</sup> International Scientific Conference Engineering for Rural Development, Jelgava, Latvia, May 21-23, 2025: *International Scientific Committee*
- 5<sup>th</sup> International Symposium on Nano Technology and Smart Materials for Environmental Applications (ISNSEA 2024), Macau, China, June 28-29, 2024: *International Scientific Committee*

- 2<sup>nd</sup> International Conference on Civil, Architectural and Environmental Engineering (ICCAEE 2024), Barcelona, Spain, September 20-22, 2024: *International Scientific Committee*
- 62<sup>nd</sup> International Conference on Advanced Engineering, Transport and Energy, Almaty, Kazakhstan, February 10-11, 2023: *Organizing Committee Member*
- International Conference on Electrical Facilities and information technologies (ICEFIT 2023), Almaty, Kazakhstan, August 22-25, 2023: *Publication Chair*
- 16<sup>th</sup> International Conference on Applications of Control Systems Theory [ACST 2022], Amsterdam, Netherlands, February 08-09, 2022: *International Scientific Committee*
- 7<sup>th</sup> International Conference on Mechanical Structures and Smart Materials (ICMSSM2021), Changsha, China, June 14-15, 2021: *International Scientific Committee*
- International Conference on Environment, Earth Science and Intelligent Information System [EESIIS 2021], Shanghai, China, July 4-5, 2021: *International Scientific Committee*
- 6<sup>th</sup> International Conference on Artificial Intelligence and Robotics [AIR 2021], Dalian, China, July 15-17, 2021: *International Scientific Committee*
- International Conference on Modeling, Simulation and Optimization: Technologies and Engineering Application [MSOTEA 2021], Beijing, China, April 11-12, 2021: *International Scientific Committee*
- International Conference on Applied Engineering, Materials and Mechanics [AEMM 2021], Kuala Lumpur, Malaysia, April 16-18, 2021: *International Scientific Committee*
- 4<sup>th</sup> International Conference on Energy and Power Engineering [EPE 2021], Guangzhou, China, September 17-18, 2021: *International Scientific Committee*
- International Workshop on Power, Electrical and Mechanical Engineering [IWPEME 2021], Beijing, China, April 11-12, 2021: *International Scientific Committee*
- International Conference on Civil Architectural and Environmental Engineering [CAEE 2021], Shanghai, China, December 10-12, 2021: *International Scientific Committee*
- International Conference on Cloud Computer, IoT and Intelligence System [CCIIS 2021], Beijing, China, April 11-12, 2021: *International Scientific Committee*
- International Conference on Environmental, Civil and Materials Science [ECMS 2021], Beijing, China, April 11-12, 2021: *International Scientific Committee*
- 15<sup>th</sup> International Conference on Number Theory and Algebraic Topology [NTAT 2021], Lisbon, Portugal, June 21-22, 2021: *International Scientific Committee*
- 15<sup>th</sup> International Conference on Binary Nuclear Reactions [BNR 2021], Paris, France, March 29-30, 2021: *International Scientific Committee*
- 10<sup>th</sup> International Conference on Mechatronics and Control Engineering [MCE 2021], Lisbon, Portugal, July 26-28, 2021: *International Scientific Committee*
- 15<sup>th</sup> International Conference on Industrial Automation Engineering, Automatic Control Components and Applications [IAEACCA 2021], Rome, Italy, March 4-5, 2021: *International Scientific Committee*
- 49<sup>th</sup> International Conference on Electrical Engineering and Communication Electronics, Almaty, Kazakhstan, November 26-28, 2020: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Control, Automation and Robotics and Artificial Intelligence [CARAI 2020], Xiamen, China, September 27-28, 2020: *Organizing Committee Member*
- 2<sup>nd</sup> International Symposium on Nano Technology and Smart Materials for Environmental Applications [NSEA 2020], Jeju Island, Korea, August 21-22, 2020: *Organizing Committee Member*
- 6<sup>th</sup> International Conference on Mechanical Structures and Smart Materials [MSSM 2020], Ho Chi Minh City, Vietnam, July 25-26, 2020: *Organizing Committee Member*
- 19<sup>th</sup> International Scientific Conference Engineering for Rural Development [ERD 2020], Jelgava, Latvia, May 20-22, 2020: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Manufacturing Technologies [ICMT 2019], San Francisco, USA, January 4-6, 2019: *Organizing Committee Member*

- 2<sup>nd</sup> International Conference on Materials Engineering and Application [ICMEA 2019], Da Nang, Vietnam, January 16-18, 2019: *Organizing Committee Member*
- 21<sup>st</sup> International Conference on Sports Science and Biomechanics [MAE 2019], Buenos Aires, Argentina, February 27-28, 2019: *Organizing Committee Member*
- 21<sup>st</sup> International Conference on Architectural Engineering [AE 2019], Rome, Italy, December 12-13, 2019: *Organizing Committee Member*
- 4<sup>th</sup> International Conference on Design, Mechanical and Material Engineering [D2ME 2019], Busan, South Korea, September 26-28, 2019: *Organizing Committee Member*
- 8<sup>th</sup> International Conference on Mechatronics and Control Engineering [MCE 2019], Paris, France, July 23-25, 2019: *Organizing Committee Member*
- 4<sup>th</sup> International Conference on Automation, Control and Robotics Engineering [ACRE 2019], Shenzhen, China, July 19-21, 2019: *Organizing Committee Member*
- International Conference on Machine Learning, Big Data and Business Intelligence [MLBDBI 2019], Taiyuan, China, November 8-10, 2019: *Organizing Committee Member*
- International Conference on Power, Electrical and Energy Engineering [P3E 2019], Shenzhen, China, February 27-28, 2019: *Organizing Committee Member*
- 21<sup>st</sup> International Conference on Microprocessor-Based Control and Instrumentation [MBCI 2019], Istanbul, Turkey, June 27-28, 2019: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Materials Sciences and Nanomaterials [MSN 2019], Oxford, England, United Kingdom, July 22-24: *Organizing Committee Member*
- 4<sup>th</sup> International Conference on Applied Engineering, Materials and Mechanics [AEMM 2019], Jeju-Island, South Korea, April 19-21, 2019: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Advanced Technologies in Design, Mechanical and Aeronautical Engineering [ATDMAE 2019], Shanghai, China, July 5-7, 2019: *Organizing Committee Member*
- 18<sup>th</sup> International Scientific Conference Engineering for Rural Development [ERD 2019], Jelgava, Latvia, May 22-24, 2019: *Organizing Committee Member*
- 10<sup>th</sup> International Conference on Environmental Engineering and Applications [EEA 2019], Prague, Czech Republic, June 26-28, 2019: *Organizing Committee Member*
- International Conference on Metal Material Processes and Manufacturing [MMPM 2019], Jeju Island, South Korea, May 16-17, 2019: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Rehabilitation Engineering and Biomechanics [REB 2018], Prague, Czech Republic, September 3-4, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Mechanical and Aerospace Engineering [MAE 2018], Paris, France, October 29-30, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Applied and Industrial Mathematics [AIM 2018], Paris, France, August 27-28, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Applications and Manufacturing Systems Engineering [AMSE 2018], Rome, Italy, December 13-14, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Dynamics of Multi Level Systems [DMLS 2018], Rome, Italy, December 13-14, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Human Robotic Enhancement and Transhumanism [HRET 2018], Barcelona, Spain, December 17-18, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Automatic Control, Mechatronics and Industrial Engineering [ACMIE 2018], Sydney, Australia, December 3-4, 2018: *Organizing Committee Member*
- 2<sup>th</sup> International Conference on Robotics and Mechatronics [RM 2018], Istanbul, Turkey, December 20-21, 2018: *Organizing Committee Member*
- 6<sup>th</sup> International Conference on Kinematics, Mechanics of Rigid Bodies, and Materials 2018 [KMRBM 2018], Yogyakarta, Indonesia, November 24-25, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Mechanical, Industrial, and Manufacturing Technologies

- [MIMT 2018], Barcelona, Spain, February 27-28, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Power System Control Technologies [PSCT 2018], Lisbon, Portugal, September 24-25, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Instrumentation and Engineering and Applications [IEA 2018], Dubai, UAE, November 19-20, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Mechanical Engineering and Intelligent Systems [MEIS 2018], Amsterdam, Netherlands, February 12-13, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Mechanical, Mechatronics and Robotics Engineering [MMRE 2018], Amsterdam, Netherlands, November 5-6, 2018: *Organizing Committee Member*
- International Conference on Civil, Architectural and Environmental Engineering [CAEE 2018], Wellington, New Zealand, December 10-12, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Materials Sciences and Nanomaterials [MSN 2018], Liverpool, United Kingdom, July 11-13, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Congress on Civil and Architectural Engineering [CAE 2018], London, United Kingdom, November 11-13, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Electrical, Control and Mechanical Engineering [ECME 2018], Beijing, China, April 22-23, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Agent-Oriented Software Models [AOSM 2018], Prague, Czech, July 9-10, 2018: *Organizing Committee Member*
- 5<sup>th</sup> International Conference on Advanced Engineering and Technology [AET 2018], Incheon, Korea, December 14-16, 2018: *Organizing Committee Member*
- 1<sup>st</sup> International Symposium on Nano technology and Smart materials for Environmental Applications [ISNSEA 2018], Jeju-Island, Korea, December 20-21, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Advances in Management Science and Engineering [AMSE 2018], Xian, China, June 24-25, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Synergistic Integration Technologies for Innovative Mechatronics [SITIM 2018], Rome, Italy, December 13-14, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Control and Dynamical Systems [CDS 2018], Rome, Italy, December 13-14, 2018: *Organizing Committee Member*
- 4<sup>th</sup> International Conference on Mechanical Structures and Smart Materials [MSSM 2018], Shenzhen, China, September 22-23, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Communication, Technology and Social Media for Nursing Applications [CTSMNA 2018], London, United Kingdom, December 13-14, 2018: *Organizing Committee Member*
- International Conference on Applied Mechanics, Mechatronics and Materials [AMMM 2018], Beijing, China, August 26-27, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Cybernetics, Intelligent Systems and Designs [CISD 2018], Bangkok, Thailand, December 13-14, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Mechanical and Aerospace Engineering [MAE 2018], Bangkok, Thailand, December 13-14, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Dynamics of Automatic Control Systems [DACS 2018], Bangkok, Thailand, December 13-14, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Automatic Control and Control Systems Technology [ACCST 2018], Bali, Indonesia, October 22-23, 2018: *Organizing Committee Member*
- International Conference on Energy, Power and Materials Engineering [EPME 2018], Beijing, China, April 22-23, 2018: *Organizing Committee Member*
- 4<sup>th</sup> International Conference on Green Materials and Environmental Engineering [GMEE 2018], Beijing, China, October 28-29, 2018: *Organizing Committee Member*
- 20<sup>th</sup> International Conference on Security for Control Systems [SCS 2018], Tokyo, Japan, November 12-13, 2018: *Organizing Committee Member*

- 20<sup>th</sup> International Conference on Adaptive Hardware and Systems [AHS 2018], Tokyo, Japan, November 12-13, 2018: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Automation, Control and Robotics Engineering [ACRE 2018], Chengdu, China, July 19-22, 2018: *Organizing Committee Member*
- 7<sup>th</sup> International Conference on Mechatronics and Control Engineering [MCE 2018], Amsterdam, Netherlands, November 27-29, 2018: *Organizing Committee Member*
- International Conference on Computer, Electronic Information and Communications [CEIC 2018], Sanya, China, May 27-28, 2018: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Electrical, Control and Automation Engineering [ECAE 2018], Wuhan, China, September 27-28, 2018: *Organizing Committee Member*
- International Conference on Computer, Communications and Mechatronics Engineering [CCME 2018], Shanghai, China, December 22-23, 2018: *Organizing Committee Member*
- International Conference on Computer, Electronic and Mechanical Engineering [CEME 2018], Shanghai, China, July 22-23, 2018: *Organizing Committee Member*
- International Conference on Computer, Communications and Network Engineering [CCNE 2018], Beijing, China, August 26-27, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Advanced Technologies in Design, Mechanical and Aeronautical Engineering [ATDMAE 2018], Dalian, China, July 1-3, 2018: *Organizing Committee Member*
- International Conference on Computer and Mechatronics [ICCM 2018], Beijing, China, April 22-23, 2018: *Organizing Committee Member*
- International Conference on Computer Modelling, Simulation and Algorithm [CMSA 2018], Beijing, China, April 22-23, 2018: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Electrical, Automation and Mechanical Engineering [EAME 2018], Xian, China, June 24-25, 2018: *Organizing Committee Member*
- 6<sup>th</sup> International Conference on Metallurgy Technology and Materials [MTM 2018], Xian, China, May 30-31, 2018: *Organizing Committee Member*
- 5<sup>th</sup> International Conference on Machine Design and Manufacturing Engineering [MDME 2018], Jakarta, Indonesia, January 22-23, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Energy, Environment and Materials Engineering (EEME 2018), Shanghai, China, July 22-23, 2018: *Organizing Committee Member*
- International Conference on Computer, Electronic and Mechanical Engineering [CEME 2018], Shanghai, China, July 22-23, 2018: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Mechanics, Materials and Structural Engineering [MMSE 2018], Okinawa, Japan, April 20-22, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Computer Science and Information Engineering [CSIE2018], Wuhan, China, September 27-28, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Artificial Intelligence and Software Engineering [AISE 2018], Xian, China, June 24-25, 2018: *Organizing Committee Member*
- International Conference on Material Strength and Applied Mechanics [MSAM 2018], Kitakyushu, Japan, April 10-13, 2018: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Modelling, Simulation and Applied Mathematics [MSAM 2018], Shanghai, China, July 22-23, 2018: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Computational Modeling, Simulation and Applied Mathematics [CMSAM 2018], Wuhan, China, September 27-28, 2018: *Organizing Committee Member*
- International Conference on Materials Engineering and Application [ICMEA 2018], Bali, Indonesia, January 14-16, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Materials Engineering and Nano Sciences [MENS 2018], Hong Kong, January 11-13, 2018: *Organizing Committee Member*
- 9<sup>th</sup> International Conference on Environmental Engineering and Applications [EEA 2018],

Amsterdam, Netherlands, July 10-12, 2018: *Organizing Committee Member*

- International Conference on Metal Material Processes and Manufacturing [MMPM 2018], Jeju Island, South Korea, July 19-20, 2018: *Organizing Committee Member*
- 17<sup>th</sup> International Scientific Conference Engineering for Rural Development [ERD 2018], Jelgava, Latvia, May 23-25, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Manufacturing Technologies [ICMT-2018], Florida Polytechnic University, Florida, USA, January 15-18, 2018: *Organizing Committee Member*
- 6<sup>th</sup> International Conference on Manufacturing, Optimization, Industrial and Material Engineering [MOIME 2018], Jakarta, Indonesia, 24-25 March, 2018: *Organizing Committee Member*
- 5<sup>th</sup> International Conference on Manufacturing, Optimization, Industrial and Material Engineering [MOIME 2018], Bali, Indonesia, 01-02 April, 2018: *Organizing Committee Member*
- International Conference on Applied Mathematics, Algorithms and Modeling [AMAM 2018], Wuhan, China, February 7-8, 2018: *Organizing Committee Member*
- International Conference on Mathematics, Modelling, Simulation and Algorithms [MMSA 2018], Chengdu, China, March 25-26, 2018: *Organizing Committee Member*
- International Conference on Advanced Electrical Engineering and Automation [AEEA 2018], Sanya, China, May 27-28, 2018: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Artificial Intelligence: Technologies and Applications [AITA 2018], Chengdu, China, March 25-26, 2018: *Organizing Committee Member*
- International Conference on Computational Modeling, Simulation and Mathematical Statistics [CMSMS 2018] Xi'an, China, June 24-25, 2018: *Organizing Committee Member*
- International Conference on Computer Science, Electronics and Communication Engineering [CSECE 2018], Wuhan, China, February 7-8, 2018: *Organizing Committee Member*
- 5<sup>th</sup> International Conference on Kinematics, Mechanics of Rigid Bodies, and Materials 2017 [KMRBM 2017], Jakarta, Indonesia, December 16-17, 2017: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Electrical, Control and Automation Engineering [ECAE 2017], Xiamen, China, December 24-25, 2017: *Organizing Committee Member*
- 3<sup>rd</sup> International Conference on Artificial Intelligence and Industrial Engineering [AIIE 2017], Shanghai, China, November 26-27, 2017: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Computational Modeling, Simulation and Applied Mathematics [CMSAM 2017], Beijing, China, October 22-23, 2017: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Applied Mechanics, Electronics and Mechatronics Engineering [AMEME 2017], Beijing, China, October 22-23, 2017: *Organizing Committee Member*
- 2<sup>nd</sup> International Conference on Advanced Electronic Science and Technology [AEST 2017], Xiamen, China, July 14-16, 2017: *Organizing Committee Member*
- 3<sup>rd</sup> Annual International Conference on Computer Science and Mechanical Automation [CSMA 2017], Wuhan, China, November 10-12, 2017: *Organizing Committee Member*

## Selected Refereed Publications

### Books

- 1- Zhunisbekov S., Kasymov T., Zhauyt A., Bostanov B. "[Strength of Materials](#)", Edited Volume, Book, KazNRTU named after K.I.Satbayev, 2023 [ISBN 978-601-09-25-90-8]
- 2- Zhunisbekov S., Irgebayev T., Zhauyt A., Uskembayeva B. "[Strength of Materials](#)", Edited Volume, Book, Daryn Publishing House, 2023 [ISBN: 978-601-7377-35-9]
- 3- Zhunisbekov S., Temirbekov Y., Zhauyt A. "[Basics of Theoretical Mechanics \(Statics and Kinematics\)](#)", Edited Volume, Book, ALT University, 2022 [ISBN 978-601-325-315-2].
- 4- Kyrykbayev B., Zhauyt A. "[Mechanics](#)", Edited Volume, AUPET named after G.Daukeyev, 2021

[ISBN: 978-601-7889-78-4].

- 5- Zhunisbekov S., Zhauyt A., Kalybekova E, “[Strength of Materials](#)”, Edited Volume, Book, ALT University, **2021**, [ISBN: 978-601-325-250-6].
- 6- Buzauova T., Zhauyt A. “[Design and Production of Products in the Machinery Industry](#)”, Edited Volume, Karaganda Technical University, **2020**, [ISBN: 978-601-320-994-4].
- 7- Zhauyt A., Alipbayev K. “[Mixed Robotic Platforms](#)”, Edited Volume, CCK, **2020**, [ISBN: 978-601-323-096-2].
- 8- Buzauova T., Sherov K., Zhauyt A., Turusbekova A. “[Study of Wear and Restoration of the Mining Machines Parts](#)”, Edited Volume, Monograph, iScience, **2019**, [ISBN: 978-83-66216-16-7].
- 9- Zhauyt A., Alimbetov A. “[Improving the Efficiency of the Hot Rolling Mill for Thin Strips](#)”, Edited Volume, Monograph, LAMBERT Academic Publishing, **2018**, [ISBN: 978-613-9-82031-3].
- 10- Kosbolov S., Zhauyt A. “[Parametric Synthesis of Spatial Lever Mechanisms](#)”, Edited Volume, Monograph, LAMBERT Academic Publishing, **2018**, [ISBN: 978-613-9-82425-0].
- 11- Musayev J., Zhauyt A. “[Modern Rolling Stock of Railways](#)”, Edited Volume, ALT University, **2017**, [ISBN: 978-601-325-018-2].

#### Peer-Reviewed Journal Articles

- 1- A. Mustafa, R. Kaiyrov, Y. Nugman, M. Sagyntay, N. Albanbay, A. Zhauyt, Zh. Turgunov, I. Dyussebayev, Y. Lei. Kinematic analysis and workspace evaluation of a new five-axis 3D printer based on hybrid technologies. *Robotics* (2026). [Q1, ISI]  
**DOI: [10.3390/robotics15010016](https://doi.org/10.3390/robotics15010016)**
- 2- Zh. Abilkaiyr, A. Zhauyt, K. Alipbayev, Y. Kaliyev, A. Aden, A. Orazaliyeva. Analytical synthesis of planar four-bar linkages for coupler-curve path generation through precision points. *Engineered Science* (2026). [Q1, ISI]  
**DOI: [10.30919/es1315](https://doi.org/10.30919/es1315)**
- 3- J. Musayev, A. Zhauyt, V. Solonenko, K. Alipbayev, A. Aden, G. Smailova, A. Orazaliyeva. Modeling the interaction of the rolling stock and the track in the emergency braking mode of a passenger train. *Engineered Science* (2026). [Q1, ISI]  
**DOI: [10.30919/es1315](https://doi.org/10.30919/es1315)**
- 4- Jetpissov, M.; Tergemes, K.; Sheryazov, S.; Zhauyt, A.; Sadykbek, T.; Berdibekov, A.; Smailova, G. A selective method for identifying single-phase ground faults with transient resistance in isolated neutral medium-voltage networks. *Energies* (2025). [Q1, ISI]  
**DOI: [10.3390/en18215699](https://doi.org/10.3390/en18215699)**
- 5- Kenzhegarayeva, A.; Alipbayev, K.; Zhauyt, A. Degradation modeling and telemetry-based analysis of solar cells in LEO for nano- and pico-satellites. *Applied Sciences* (2025). [Q1, ISI]  
**DOI: [10.3390/app15169208](https://doi.org/10.3390/app15169208)**
- 6- Azilkiyasheva, M.; Alipbayev, K.; Zhauyt, A.; Aden, A.; Orazaliyeva, A. Solution of the positioning problem for a planar parallel manipulator based on a third-class mechanism. *International Journal of Mechanical Engineering and Robotics Research* (2025). [Q1, ISI]  
**DOI: [10.18178/ijmerr.14.4.454-464](https://doi.org/10.18178/ijmerr.14.4.454-464)**
- 7- Akhmejanov, S.; Zhetenbayev, N.; Sultan, A.; Zhauyt, A.; Nurgizat, Y.; Ozhikenov, K.; Ayazbay, A., Uzbekbayev A. Design and analysis of an autonomous active ankle-foot prosthesis with 2-DOF. *Sensors* (2025). [Q2, ISI]  
**DOI: [10.3390/s25164881](https://doi.org/10.3390/s25164881)**
- 8- Abdreshova, S.; Zhauyt, A.; Alipbayev, K.; Kosbolov, S.; Aden, A.; Orazaliyeva, A. Synthesis of four-link initial kinematic chains with spherical pairs for spatial mechanisms. *Applied Sciences* (2025). [Q1, ISI]  
**DOI: [10.3390/app15073602](https://doi.org/10.3390/app15073602)**
- 9- A. Zhauyt, K. Alipbayev, A. Aden, A. Orazaliyeva, G. Bikhozhayeva. Determination of kinematic and dynamic characteristics of oscillating conveyor mechanism. *Applied Sciences* (2025). [Q1, ISI]

**DOI:** [10.3390/app15031676](https://doi.org/10.3390/app15031676)

10- G-G A. E. Ibrayev, N. Meirambekuly, B. A. Karibayev, T. A. Namazbayev, S. O. Orynbassar, A. S. Sukhenko, A. A. Temirbayev, A. Zhauyt. Reducing energy consumption in CubeSat missions: the integrated antenna approach. *Engineered Science* (2025). [Q1, ISI]  
**DOI:** [10.30919/es1315](https://doi.org/10.30919/es1315)

11- K. Tergemes, N. Nalibayev, A. Zhauyt, A. Besterekova, R. Nigmatullin, O. Zhivayeva, I. Kazanina. Development of a multi-motor asynchronous electric drive with changes in the coordinated rotation of the supply voltages of the motors. *Applied Sciences* (2024). [Q1, ISI]  
**DOI:** [10.3390/app142210133](https://doi.org/10.3390/app142210133)

12- Y. Aisayev, K. Tergemes, A. Zhauyt, S. Sheryazov, K. Bakenov. The Impact of Replacing Synchronous Generators with Renewable-Energy Technologies on the Transient Stability of the Mangystau Power System: An Introduction to Flexible Automatic Dosage of Exposures. *Energies* (2024). [Q1, ISI]  
**DOI:** [10.3390/en17102314](https://doi.org/10.3390/en17102314)

13- A-A. Ayazbay, G. Balabyev, S. Orazaliyeva, K. Gromaszek, A. Zhauyt, Trajectory Planning, Kinematics, and Experimental Validation of a 3D-Printed Delta Robot Manipulator, *International Journal of Mechanical Engineering and Robotics Research* (2024). [Q2, ISI]  
**DOI:** [10.18178/ijmerr.12.3.151-158](https://doi.org/10.18178/ijmerr.12.3.151-158)

14- Musayev, J.; Zhauyt, A.; Ismagulova, S.; Yussupova, S. Theory and Practice of Determining the Dynamic Performance of Traction Rolling Stock. *Applied Sciences* (2023). [Q1, ISI]  
**DOI:** [10.3390/app132212455](https://doi.org/10.3390/app132212455)

15- Kydyrbekuly, A.; Zhauyt, A.; Ibrayev, G.-G.A. Parametric Analysis of Nonlinear Oscillations of the Rotor-Weakly Conductive Viscous Fluid-Foundation System under the Action of a Magnetic Field. *Applied Sciences* (2023). [Q1, ISI]  
**DOI:** [10.3390/app12147042](https://doi.org/10.3390/app12147042)

16- N. Zhetenbayev, G. Balbayev, A. Zhauyt, B. Shingissov. Design and performance of the new ankle joint exoskeleton. *International Journal of Mechanical Engineering and Robotic Research* (2023): 1-18. [Q2, ISI]  
**DOI:** [10.18178/ijmerr.12.3.151-158](https://doi.org/10.18178/ijmerr.12.3.151-158)

17- O. K. Abdirashev, S. Zh. Oralbayev, Y. D. Shambulov, G. A. Smailova, A. Bukayeva, D. Yergaliyev, A. Tulegulov, A. Zhauyt. Theoretical background of the restoring of the crankshaft neck by ferromagnetic materials welding. *Metalurgija* (2023). [Q3, ISI]  
**EID:** [2-s2.0-85121008887](https://doi.org/2-s2.0-85121008887)

18- A. Seidakmet, A. Tuleshov, A. Mateshov, N. Jamalov, K. Koshekov, A. Abduraimov, A. Kamal, M. Kanapiya, I. Gritsenko, M. Kaliyev, A. Zhauyt. Design of a complex of medical service robots and analysis of transmission characteristics of drives. *Journal of Applied Engineering Science* (2022). [Q2, ISI]  
**DOI:** [10.5937/jaes0-38656](https://doi.org/10.5937/jaes0-38656)

19- T. Buzaanova, B. Turehanov, A. Mateshov, A. Zhauyt, S. Ismagulova, S. Zhunisbekov. Planning and experimental studies of selection the optimal welding mode by the friction of fitting rods. *Journal of Applied Engineering Science* (2022). [Q1, ISI]  
**DOI:** [10.5937/jaes0-35874](https://doi.org/10.5937/jaes0-35874)

20- A. Kydyrbekuly, A. Zhauyt, G-G. A. Ibrayev. Investigation of nonlinear forced oscillations of the "Rotor-Movable Foundation" system on rolling bearings by the Jacobi elliptic functions methods. *Applied Sciences* (2022) [Q1, ISI]  
**DOI:** [10.3390/app12147042](https://doi.org/10.3390/app12147042)

21- S. Tolendiuly, K. A. Alipbayev, S. M. Fomenko, A. Sovet, A. Zhauyt. Effect graphite on magnesium diboride superconductivity synthesized by combustion method under argon pressure: PART II. *Metalurgija* (2022). [Q2, ISI]  
**EID:** [2-s2.0-85121008887](https://doi.org/2-s2.0-85121008887)

22- D. Yergaliyev, A. Tulegulov, A. Zhumabayeva, A. Bukayeva, M. Suimenova, G. Yesbolay, A.

Yussupov, A. Zhauyt. Study of stress-strain state of the roller conveyor. *Metalurgija* (2022) [Q3, ISI]  
**EID: 2-s2.0-85120977252**

23- S. Tolendiuly, K. A. Alipbayev, S. M. Fomenko, A. Sovet, A. Zhauyt. Effect graphite on magnesium diboride superconductivity synthesized by combustion method under argon pressure: PART I. *Metalurgija* (2022). [Q3, ISI]  
**EID: 2-s2.0-85115329319**

24- Z. Darimbaeva, M. Mustafin, N. Almuratova, A. Zhauyt. Development of a mathematical model of frequency-controlled induction electric drive. *Journal of Vibroengineering* (2021). [Q3, ISI]  
**DOI: 10.21595/jve.2021.22051**

25- A. Karassayeva, Y. Adilkhanov, Sh. Sekerova, S. Japayev, A. Zhauyt, S. Zhunisbekov, K. Tergemes. Analysis of dynamic properties and movement safety of bogies with diagonal links and rubber-metal vibration absorber between the rubbing elements of freight cars. *Journal of Machine Engineering* (2021). [Q2, ISI]  
**DOI: 10.36897/jme/141926**

26- G. A. Akimbek, B. K. Aliyarov, Sh. A. Akimbekova, A. Zhauyt. Determination of the intensity of abrasive chafe by different chafeing materials. *Metalurgija* (2021). [Q3, ISI]  
**EID: 2-s2.0-85105208917**

27- A. Zhauyt, A. Bukayeva, Z. Tursymbekov, G. Bulekbayeva, Zh. Begendikova, G. Mambetaliyeva, M. Chazhabayeva. Development of hot rolling technology using the method of physical modeling. *Metalurgija* (2021) [Q3, ISI]  
**EID: 2-s2.0-85105149162**

28- M. Murzakayeva, J. Musayev, M. Kvashnin, S. Zhunisbekov, A. Zhauyt, M. Azilkiyasheva. Experimental evaluation of railway crew impact on tension rails. *International Journal of Mechanical Engineering and Robotics Research* [Q2, ISI]  
**DOI: 10.18178/ijmerr.10.5.261-269**

29- M. M. Azilkiyasheva, S. B. Shayakhmetov, G. B. Bakyt, B. T. Kopenov, G. A. Smailova, Y. Y. Baubekov, A. Zhauyt. Development of a method for calculating the degree of use of the plasticity resource (DUPR) when rolling on a new continuous mill. *Metalurgija* [Q3, ISI]  
**EID: 2-s2.0-85105192961**

30- S. A. Mashekov, G. A. Smailova, U. A. Murzakhmetova, Zh. S. Abdimuratov, B. A. Nurlybayev, S. A. Orynbayev, A. Zhauyt. Phase and structural transformations in foil billet during rolling of helical rollers and longitudinal wedge mill (LWM). *Metalurgija* (2021) [Q3, ISI]  
**EID: 2-s2.0-85096169179**

31- K. T. Sherov, T. M. Buzauova, B. T. Mardonov, A. Zhauyt, S. B. Abdreshova, K. Imasheva, B. K. Smaylova. Investigation method of thermal friction processing of the eccentric cone crusher part. *News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences* (2020) [Q2, ISI]  
**DOI: 10.32014/2020.2518-170X.153**

32- A. A. Genbach, V. O. Baibekova, K. S. Olzhabayeva, A. Mergalimova, A. S. Rasmukhametova, A. A. Begimbetova, A. Zhauyt. Research and modeling of the cooling system in steam turbine bearings. *Metalurgija* (2021) [Q3, ISI]  
**EID: 2-s2.0-85096231586**

33- S. Tolendiuly, K. Alipbayev, S. Fomenko, A. Sovet, A. Zhauyt. Properties of high-temperature superconductors (HTS) and synthesis technology. *Metalurgija* (2021): 102822. [Q1, ISI]  
**EID: 2-s2.0-85096181299**

34- Y. B. Kaliyev, K. D. Baizhumanov, Z. Zh. Tursymbekova, M. A. Zhumanov, G. A. Smailova, M. M. Azilkiyasheva, A. Zhauyt. Study of SSS billets when rolling in a continuous mill of hot-rolled thin stripes using MSC Super Forge. *Metalurgija* (2021). [Q3, ISI]  
**EID: 2-s2.0-85096193410**

35- Gani Balbayev, Aigerim Mussina, Algazy Zhauyt, Marina Kalekeyeva, Beibit Shingissov, Neural

Control for Image Stabilization Using A Reference Model. International Journal of Mechanical Engineering and Robotics Research (2021) [Q2, ISI]

DOI: [10.18178/ijmerr.10.1.17-21](https://doi.org/10.18178/ijmerr.10.1.17-21)

36- Murat Kulgildinov, Altynbek Kaukarov, Nurbol Kamzanov, Maxim Taran, Bakhtiyar Kulgildinov, Algazy Zhauyt. Determination of kinematic and force parameters of the special bucket shovel for the development of large-block soils. International Journal of Mechanical Engineering and Robotics Research (2020) [Q2, ISI]  
DOI: [10.18178/ijmerr.9.6.813-824](https://doi.org/10.18178/ijmerr.9.6.813-824)

37- S. A. Mashekov, G. A. Smailova, M. S. Kulgildinov, K. T. Tergemes, A. Zhauyt, K. S. Chezhimbayeva, T. M. Buzaanova. The study evolution of the structure formation of the foil workpiece during rolling screw rollers and longitudinal-wedge mill (LWM). Metalurgija (2020). [Q2, ISI]  
EID: [2-s2.0-85083995488](https://doi.org/2-s2.0-85083995488)

38- Y. B. Kaliyev, B. T. Kopenov, M. N. Yessengaliyev, K. A. Zhussupov, N. R. Jakupov, A. Zhauyt. Study on physical and chemical properties of steel 60C2XA on a retractable roller conveyor. Metalurgija (2020) [Q3, ISI]  
EID: [2-s2.0-85083962574](https://doi.org/2-s2.0-85083962574)

39- J. S. Musayev, T. O. Chigambaev, Y. B. Kaliyev, B. T. Kopenov, M. Zh. Turkebayev, M. A. Nartov, A. Zhauyt. Study of stress-strain state and deformations occurring in existing roller tables. Metalurgija (2020). [Q3, ISI]  
EID: [2-s2.0-85083954839](https://doi.org/2-s2.0-85083954839)

40- S. A. Mashekov, G. A. Smailova, A. M. Alshynova, A. E. Uderbayeva, N. S. Sembayev, A. Zhauyt. Structure formation of aluminum alloy D16 while rolling bars in the radial shear mill. Metalurgija, (2020). [Q3, ISI]  
EID: [2-s2.0-85079702857](https://doi.org/2-s2.0-85079702857)

41- A. Auezova, T. Buzaanova, G. Abdugaliyeva, I. Kurmangalieva, N. Smagulova, A. Zhauyt. Investigation of the stress-strain state of the roller conveyor. Metalurgija (2020): 106506. [Q3, ISI]  
EID: [2-s2.0-85079703258](https://doi.org/2-s2.0-85079703258)

42- S. A. Mashekov, G. A. Smailova, A. M. Alshynova, A. Zhauyt, N. S. Sembayev, M. R. Maulenova. Investigation of the formation evolution of aluminum alloy 1050 structure during rolling in the spiral rollers and the longitudinal wedge mill. Metalurgija (2020): 04020061. [ISI]  
EID: [2-s2.0-85079734543](https://doi.org/2-s2.0-85079734543)

43- K. Tulegenova, G. Abdraimova, B. Kyrykbaev, A. Zhauyt, A. Alimbetov, M. Nurbakyt. Dynamic analysis of the press automation, International Journal of Mechanical Engineering and Robotics Research (2019) [Q2, ISI]  
DOI: [10.18178/ijmerr.8.1.41-45](https://doi.org/10.18178/ijmerr.8.1.41-45)

44- M. Adambayev, A. Zhauyt, S. Yussupova. Controlled cascading waterfall technology of crushing raw materials on the value of its current strongholds. Journal of Measurements in Engineering (2019). [Q3, ISI]  
DOI: [10.21595/jme.2019.20780](https://doi.org/10.21595/jme.2019.20780)

45- Omarov T., Tulegenova K., Bekenov Y., Abdraimova G., Zhauyt A., Ibadullayev M. Determination of reduced mass and stiffness of flexural vibrating cantilever beam. Journal of Measurements in Engineering (2018) [Q3, ISI]  
DOI: [10.21595/JME.2018.19545](https://doi.org/10.21595/JME.2018.19545)

46- N. Igembayev, J. Musayev, A. Zhauyt, G. Balbayev, A. Auezova, G. Smailova. The researching of the dynamic properties of long-wheelbase platforms for the transportation of large-capacity containers. Journal of Measurements in Engineering (2017) [Q3, ISI]  
DOI: [10.21595/JME.2017.19094](https://doi.org/10.21595/JME.2017.19094)

47- J. Musayev, A. Zhauyt, T. Buzaanova, G. Mamatova, Zh. Yessenkluova, G. Abdugaliyeva, A. Alimbetov. The experimental determination of the stress calculation and relative strains in the span elements of railway bridges under the influence of the rolling equipment. Journal of

Measurements in Engineering (2017) [Q3, **ISI**]

**DOI:** [10.21595/JME.2017.19025](https://doi.org/10.21595/JME.2017.19025)

48- Y. Adilkhanov, Sh. Sekerova, J. Musayev, A. Zhauyt, A. Auezova, G. Smailova, Simulation technique of constant contact side bearings of freight car bogies, Journal of Measurements in Engineering (2017) [Q3, **ISI**]  
**DOI:** [10.21595/JME.2017.19050](https://doi.org/10.21595/JME.2017.19050)

49- V. Solonenko, N. Mahmetova, J. Musayev, M. Kvashnin, A. Alpeisov, A. Zhauyt. Some aspects of the experimental assessment of dynamic behavior of the railway track. Journal of theoretical and applied mechanics (2017) [Q2, **ISI**]  
**DOI:** [10.15632/jtam-pl.55.2.421](https://doi.org/10.15632/jtam-pl.55.2.421)

50- V. Solonenko, N. Mahmetova, J. Musayev, M. Kvashnin, A. Zhauyt, T. Buzaanova. Modeling of dynamic characteristics of freight car with optimized parameters of wedge-type shock absorber. Journal of Vibroengineering (2017) [Q3, **ISI**]  
**DOI:** [10.21595/jve.2017.16901](https://doi.org/10.21595/jve.2017.16901)

51- B. Tultayev, A. Zhauyt, A. Kopesbayeva, A. Auezova, G. Balbayev, B. Shingissov. Numerical check of a planetary drives for wind mills. Journal of Vibroengineering (2016) [Q3, **ISI**]  
**DOI:** [10.21595/jve.2016.16072](https://doi.org/10.21595/jve.2016.16072)

52- S. Kosbolov, A. Zhauyt and S. Kosbolov. Kinematic synthesis of spatial linkages with spherical pairs, Journal of theoretical and applied mechanics (2016). [Q2, **ISI**]  
**DOI:** [10.15632/jtam-pl.54.1.75](https://doi.org/10.15632/jtam-pl.54.1.75)

53- J. Musayev and A. Zhauyt. Analysis of disturbing influence of traffic load on soil body. Advances in Materials Science and Engineering (2015) [Q2, **ISI**]  
**DOI:** [10.1155/2015/318289](https://doi.org/10.1155/2015/318289)

#### Peer-Reviewed Conference Proceedings

1- A. Zhauyt, J. Musayev, I. Bazanova, K. Mustapaev. Equations of motion for the rigid and elastic double pendulum using Lagrange's equations. Vibroengineering Procedia (2025). [Scopus]  
**DOI:** [10.21595/vp.2024.25010](https://doi.org/10.21595/vp.2024.25010)

2- A. Serikov, M. Kvashnin, K. Kulmanov, T. Dyussengaliyeva, K. Sikimbekova, A. Zhauyt. The effect of the impact of the transport load on the strength and deformability of the soil base of the road structure. Vibroengineering Procedia (2024). [Scopus]  
**DOI:** [10.21595/vp.2024.24019](https://doi.org/10.21595/vp.2024.24019)

3- Nikolaev V., Musayev J., Zhauyt A., Makhanova A., Mukatanova Zh., Kablykarim A., Kozhakmetov E. Method for determining area of parametric resonances of wheelset of railway vehicle. Engineering for rural development (2023) [Scopus]  
**DOI:** [10.22616/ERDev2023.22.TF005](https://doi.org/10.22616/ERDev2023.22.TF005)

4- J. Musayev, V. Solonenko, A. Zhauyt, S. Zhunisbekov, G. Smailova, T. Buzaanova. Research of the operation of the turnstile support-fastening device during the transportation of a long-dimensional heavy load. Vibroengineering Procedia (2023) [Scopus]  
**DOI:** [10.21595/vp.2023.23185](https://doi.org/10.21595/vp.2023.23185)

5- N. Zhetenbayev, G. Balbayev, A. Duisebayeva, A. Zhauyt, B. Shingissov, Developing of a wearable ankle rehabilitation robot device. Vibroengineering Procedia (2023) [Scopus]  
**DOI:** [10.21595/vp.2023.23168](https://doi.org/10.21595/vp.2023.23168)

6- Janat Musayev, Algazy Zhauyt, Balzhan Bahtiyar, Rita Kibitova, Kushtar Kazhet, Alisher Kussyov, Anar Kablykarim, Analysis of dynamic instability of the wheel set of a railway vehicle using the method of generalized hill determinants. Vibroengineering Procedia (2022) [Scopus]  
**DOI:** [10.21595/vp.2022.22491](https://doi.org/10.21595/vp.2022.22491)

7- Nursultan Zhetenbayev, Algazy Zhauyt, Gani Balbayev, Beibit Shingissov, Robot device for ankle joint rehabilitation: a review. Vibroengineering Procedia (2022) [Scopus]  
**DOI:** [10.21595/vp.2022.22507](https://doi.org/10.21595/vp.2022.22507)

8- K. T. Tergemes, D. S. Amanbek, B. M. Maratova and A. Zhauyt. Control system improvement of

the electric drive of the pumping unit for oil production, 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) (2021) [Scopus]

**DOI:** [10.1109/ACED50605.2021.9462275](https://doi.org/10.1109/ACED50605.2021.9462275)

- 9- S. Toibayev, A. Uderbayeva, Zh. Bidakhmet, A. Rahkmatulina, A. Zhauyt. Mathematical modeling of the solution to the problem of plate bending given various fastenings along the contour and various loads. *Vibroengineering Procedia* (2020) [Scopus]  
**DOI:** [10.21595/vp.2020.21343](https://doi.org/10.21595/vp.2020.21343)
- 10- S. Kosbolov, A. Toilybayev, M. Amreyev, A. Zhauyt, N. Uteliyeva, G. Sadikova, D. Maksut. Dynamics and Rigidity of Simulation Control on a 3-DoF Manipulator. *Smart Innovation, Systems and Technologies*, Springer Natur (2020) [Scopus]  
**DOI:** [10.1007/978-981-13-9267-2\\_14](https://doi.org/10.1007/978-981-13-9267-2_14)
- 11- Kozbagarov R., Chigambaev T., Agimov T., Abilkaiyr Zh., Kyrykbayev B., Zhauyt A. Development of technologies for cooling strips of steel 60C2XA on a retractable roller conveyor. *Journal of Engineering and Applied Science* (2019) [Scopus]  
**DOI:** [N / A](https://doi.org/10.1007/s43246-019-0001-1)
- 12- Adilkhanov Y., Murzakayeva M., Igembayev N., Zhauyt A., Buzaurova T., Bakyt G., Orynbayev S. Experimental researching of dynamic quality and safety movement of half-wagons which have trolleys with diagonal connections. *Journal of Engineering and Applied Science* (2019) [Scopus]  
**DOI:** [N / A](https://doi.org/10.1007/s43246-019-0001-1)
- 13- Y. Yeleukulov, A. Atalykova, A. Zhauyt, Zh. Abdimuratov, S. Yussupova, A. Alik, G. Kenzhebayeva. Mechanical analysis of vibratory conveyor mechanism. *MATEC Web of conference* (2018) [Scopus]  
**DOI:** [10.1051/matecconf/201822601019](https://doi.org/10.1051/matecconf/201822601019)
- 14- Y. Umbetkulov, Y. Yeleukulov, A. Atalykova, G. Smailova, G. Iskakova, A. Zhauyt, G-G A. Ibrayev. Dynamic force analysis of a six-link planar mechanism. *MATEC Web of conference* (2018) [Scopus]  
**DOI:** [10.1051/matecconf/201825104028](https://doi.org/10.1051/matecconf/201825104028)
- 15- S. Kosbolov, Y. Yeleukulov, A. Atalykova, A. Zhauyt, G. Yestemessova, S. Yussupova. Dynamic and rigidity of a manipulator with three DOFs. *MATEC Web of conferences* (2018) [Scopus]  
**DOI:** [10.1051/matecconf/201822601020](https://doi.org/10.1051/matecconf/201822601020)
- 16- B. Tultayev, G. Balbayev, A. Zhauyt, A. Sultan, A. Mussina. Kinematic synthesis of mechanism for system with a technical vision. *MATEC Web of conference* (2018) [Scopus]  
**DOI:** [10.1051/matecconf/201823703009](https://doi.org/10.1051/matecconf/201823703009)
- 17- Alimbetov A., Kaliyev Y., Zhauyt A., Yestemessova G., Yussupova S., Nurbakyt M. Calculation of the stress-strain state of the deflector rollers. *Vibroengineering Procedia* (2018) [Scopus]  
**DOI:** [10.21595/vp.2018.19861](https://doi.org/10.21595/vp.2018.19861)
- 18- Smailova G., Yussupova S., Uderbaeva A., Kurmangaliyeva L., Balbayev G., Zhauyt A. Calculation and construction of the tolling roller table. *Vibroengineering Procedia* (2018) [Scopus]  
**DOI:** [10.21595/vp.2018.19908](https://doi.org/10.21595/vp.2018.19908)
- 19- Adambayev M., Auezova A., Adambayeva A., Zhauyt A. Adequate discrete sampling method of random variables of the two-stage dry crushing process and its stochastic equation. *Engineering for rural development* (2018) [Scopus]  
**DOI:** [10.22616/ERDev2018.17.N552](https://doi.org/10.22616/ERDev2018.17.N552)
- 20- Musayev J., Yelzhanov Y., Aliyarova M., Yelemanova A., Zhauyt A. Shock-impulse diagnosis of the railway. *Engineering for rural development* (2018) [Scopus]  
**DOI:** [10.22616/ERDev2018.17.N551](https://doi.org/10.22616/ERDev2018.17.N551)
- 21- A. Zhauyt, G. Mamatova, G. Abdugalieva, K. Alipov, A. Sakenova, A. Alimbetov. The kinematic analysis of flat leverage mechanism of the third class, *IOP Conference Series: Materials Science and Engineering* (2017) [Scopus]

**DOI:** [10.1088/1757-899X/250/1/012006](https://doi.org/10.1088/1757-899X/250/1/012006)

22- B. Tultayev, G. Balbayev, A. Zhauyt. A kinematic analysis of flat leverage mechanism of the fourth class for manipulators, IOP Conference Series: Materials Science and Engineering (2017) [Scopus]  
**DOI:** [10.1088/1757-899X/230/1/012047](https://doi.org/10.1088/1757-899X/230/1/012047)

23- A. Mukasheva, S. Japayev, G. Abdraimova, B. Kyrykbaev, K. Kozhamberdiyev, B. Uskembayeva, A. Zhauyt. A dynamic analysis of six-bar mechanical press, Vibroengineering Procedia (2017) [Scopus]  
**DOI:** [10.21595/vp.2017.18853](https://doi.org/10.21595/vp.2017.18853)

24- Zhauyt A., Sakenova A., Arinova D., Alipov K., Sharatbekov T., Saylanbek G. Static calculation of bearing construction elements taking into account physical nonlinearity. Vibroengineering Procedia (2017) [Scopus]  
**DOI:** [10.21595/vp.2017.18320](https://doi.org/10.21595/vp.2017.18320)

25- A. Zhauyt, I. Zhahanova, G. Smailova, U. Murzakhmetova, L. Kurmangalieva, A. Kurenbay. The kinematic analysis of the third-class mechanism, Vibroengineering Procedia (2017) [Scopus]  
**DOI:** [10.21595/vp.2017.18678](https://doi.org/10.21595/vp.2017.18678)

26- S. Ibraev, A. Nurmaganbetova, A. Zhauyt, N. Imanbaeva. Computerized modeling of kinematics and kinetostatics of sucker-rod pump power units, Engineering for rural development (2017) [Scopus]  
**DOI:** [10.22616/ERDev2017.16.N184](https://doi.org/10.22616/ERDev2017.16.N184)

27- E. Askarov, A. Zhauyt, Zh. Abilkaiyr, A. Zhankeldi, B. Naurushev. A new type cam-screw mechanical press. Engineering for rural development (2017) [Scopus]  
**DOI:** [10.22616/ERDev2017.16.N005](https://doi.org/10.22616/ERDev2017.16.N005)

28- A. Zhauyt, K. Alipov, A. Sakenova, A. Zhankeldi, R. Abdirova, Zh. Abilkaiyr. The synthesis of four-bar mechanism. Vibroengineering Procedia (2016) [Scopus]  
**EID:** [2-s2.0-85010908372](https://www.ncbi.nlm.nih.gov/pubmed/285010908372)

29- A. Zhauyt, S. Mederbekkyzy, Y. Akimbek, N. Narzulloyev, K. Boribekov. Study of the stress-strain state of the shaking conveyor mechanism. IOSR Journal of Engineering (2016)  
**DOI:** [N/A](#)

30- J. Musayev, A. Zhauyt, Y. Kassenov, N. Abdish, O. Akhmet. Characterization of tribological behavior of high-performance rail steel. Vibroengineering Procedia (2016) [Scopus]  
**EID:** [2-s2.0-84992752908](https://www.ncbi.nlm.nih.gov/pubmed/284992752908)

31- A. Zhauyt, G. Mamatova, K. Alipov, A. Sakenova, R. Abdirova. The kinematic analysis of flat lever mechanisms with application of vector calculation. Vibroengineering Procedia (2016) [Scopus]  
**EID:** [2-s2.0-84995380632](https://www.ncbi.nlm.nih.gov/pubmed/284995380632)

32- Y. Nurymov, A. Bukayeva, A. Zhauyt, V. Povetkin, Y. Askarov. Study of thermal stonecutting tools. Vibroengineering Procedia (2016) [Scopus]  
**EID:** [2-s2.0-84995388235](https://www.ncbi.nlm.nih.gov/pubmed/284995388235)

33- J. Musayev, A. Zhauyt, Y. Nurymov, G. Mamatova, Y. Adilkhanov, A. Alizhan, T. Chigambaev. The influence of operational factors on the contact-fatigue effect of couple of wheel-rail friction in curves of small radius. Vibroengineering Procedia (2016) [Scopus]  
**EID:** [2-s2.0-84995486560](https://www.ncbi.nlm.nih.gov/pubmed/284995486560)

34- J. Musayev, A. Zhauyt, M. Sagatbek, N. Matikhan, Y. Kaliyev, B. Naurushev. Seismic resistance of horizontal underground openings in anisotropic rocks. Vibroengineering Procedia (2016) [Scopus]  
**EID:** [2-s2.0-84995479963](https://www.ncbi.nlm.nih.gov/pubmed/284995479963)

35- Zh. Abilkaiyr, J. Musayev, T.t Kaiym, A. Alpeisov, A. Alimbetov, A. Zhauyt. The interaction of the freight car and way taking into account deformation of assembled rails and sleepers. Vibroengineering Procedia (2016) [Scopus]  
**EID:** [2-s2.0-84995422411](https://www.ncbi.nlm.nih.gov/pubmed/284995422411)

36- S. Kosbolov, K. Tulegenova, E. Bekenov, A. Zhauyt and B. Naurushev. Kinematic synthesis of the initial kinematic chains [IKC], Engineering for rural development (2016) [Scopus]  
**EID:** [2-s2.0-84976533495](#)

37- S. Kosbolov, K. Duisebayeva, A. Zhauyt and T. Buzauova. Synthesis of spatial lever mechanisms on the basis of the initial kinematic chains SSS pairs, Ponte (2016) [Scopus]  
**DOI:** [10.21506/j.ponte.2016.2.17](#)

38- Zhauyt Algazy. The substantiating of the dynamic parameters of the shaking conveyor mechanism. Vibroengineering Procedia (2015) [Scopus]  
**EID:** [2-s2.0-84954211354](#)

39- B. Shingissov, G. Balbayev, Sh. Kurmanalieva, A. Zhauyt, Zh. Koishybayeva. Numerical check of a 2DOF transmission for wind turbines. Vibroengineering Procedia (2015) [Scopus]  
**EID:** [2-s2.0-84954201672](#)

40- Shaikhanova A.l, Karpinski M, Ahmetov B., Zhauyt A., Imanbekova U. Comparative investigation of methods of modular exponentiation. Middle-East. J. Sci. Res (2015) [Scopus]  
**DOI:** [10.5829/idosi.mejsr.2015.23.03.22093](#)

**Peer-Reviewed Journal Articles [Control Committee in Education and Science under the Ministry of Education and Science of the Republic of Kazakhstan]**

1- A. Kadyrzhan, E. Vituleva, K. Kadyrzhan, I. Suleimenov, A. Zhauyt. Prospects for the development of unmanned robotic systems for military and civilian purposes, The Bulletin of KazATC, (2025). [CCES RK]  
**DOI:** [10.52167/1609-1817-2025-137-2-544-553](#)

2- B. Bakytbek, G. Suleimenova, A. Zhauyt. Modeling of the algorithm of electrical centralization operation for effective control of train traffic at the station, The Bulletin of KazATC, (2025). [CCES RK]  
**DOI:** [10.52167/1609-1817-2025-137-2-152-160](#)

3- K. Kishauov, B. Bostanov, S. Zhunisbekov, A. Zhauyt. Oscillation and stability of the belt taking into account transverse displacement during large displacements, The Bulletin of KazATC, (2025). [CCES RK]  
**DOI:** [10.52167/1609-1817-2025-137-2-46-56](#)

4- M. Karimoldanova, G. Akimbek, B. Aliyarov, A. Zhauyt, G. Kunakova, Forces acting during grinding of solid material in a ball drum mill and their influence on the mill body. The Bulletin of KazATC, (2024). [CCES RK]  
**DOI:** [10.52167/1609-1817-2024-135-6-439-449](#)

5- B. Bakytbek, A. Kadyrzhan, V. Kuparov, A. Zhauyt, Solution of the positioning problem for the manipulator based on the mechanism of the third class. The Bulletin of KazATC, (2024). [CCES RK]  
**DOI:** [10.52167/1609-1817-2024-132-3-28-39](#)

6- A. Zhauyt, V. Kuparov, B. Bakhytbek, G. Kydyrbek, Kinematic analysis of a four-joint plane lever mechanism. The Bulletin of KazATC, (2024) [CCES RK]  
**DOI:** [10.52167/1609-1817-2024-132-3-73-81](#)

7- Musayev J., Utепова A., Kasymova A., Zhauyt A., Makhanbet S. Device for monitoring the loading and volume of transported cargo during the transportation of liquid petroleum products. The Bulletin of KazATC (2023) [CCES RK]  
**DOI:** [10.52167/1609-1817-2023-124-1-25-31](#)

8- Musaev J., Akhmetova P., Suleeva N., Kasymova A., Zhauyt A. On the problem of railway reliability and failure prediction. The Bulletin of KazATC (2023) [CCES RK]  
**DOI:** [10.52167/1609-1817-2023-124-1-32-41](#)

9- Kasymov U., Zhunisbekov S., Jundibaev V., Kasabekov M., Zhauyt A. Combined aerostatic disc-

shaped flying machine. The Bulletin of KazATC (2023) [CCES RK]  
**DOI:** [10.52167/1609-1817-2023-124-1-48-57](https://doi.org/10.52167/1609-1817-2023-124-1-48-57)

10- Zhetenbayev N., Zhauyt A., Balbayev G., Alipbayev K., Shingisov B. Construction of a 3-PRS robotic manipulator for ankle joint rehabilitation. The Bulletin of KazATC (2023) [CCES RK]  
**DOI:** [10.52167/1609-1817-2023-124-1-254-263](https://doi.org/10.52167/1609-1817-2023-124-1-254-263)

11- Zhumaliyeva A., Bakhtiyar B., Korobkov M., Zhauyt A., Tursynbaeva G. Cleaning of water supplied to thermal power plants and boilers. The Bulletin of KazATC (2023) [CCES RK]  
**DOI:** [10.52167/1609-1817-2023-124-1-397-403](https://doi.org/10.52167/1609-1817-2023-124-1-397-403)

12- A. K. Zhumaliyeva, B. Bakhtiyar, A. K. Mergalimova, A. Zhauyt, G. U. Tursunbaeva, Technological processes of electricity generation at stations. Vestnik of Toraighyrov University (2022) [CCES RK]  
**DOI:** [10.52167/1609-1817-2022-123-4-88-95](https://doi.org/10.52167/1609-1817-2022-123-4-88-95)

13- Musaev J., Zhauyt A., Mustapaev K., Musin N., Kurmashev B. On the impact of operational loads from rolling stock on the railway. The Bulletin of KazATC (2022) [CCES RK]  
**DOI:** [10.52167/1609-1817-2022-123-4-88-95](https://doi.org/10.52167/1609-1817-2022-123-4-88-95)

14- Musaev J., Turkebayev M., Ivanovtseva N., Zhauyt A. The influence of the parameters of the wagon body and the transported cargo on its dynamics. The Bulletin of KazATC (2019) [CCES RK]  
**DOI:** [10.52167/1609-1817-2022-122-3-100-105](https://doi.org/10.52167/1609-1817-2022-122-3-100-105)

15- Temirbekov E., Zhunisbekov S., Karasaev B., Akimov T., Zhauyt A. Rational capture of the object within the limits of rigidity (2022) [CCES RK]  
**DOI:** [10.52167/1609-1817-2022-121-2-392-406](https://doi.org/10.52167/1609-1817-2022-121-2-392-406)

16- E. Zh. Moldagaliyev, A. Zhauyt. Study of the dynamics of a vibrating conveyor. Search (2020) [CCES RK]  
**DOI:** [10.1051/matecconf/201822601019](https://doi.org/10.1051/matecconf/201822601019)

17- A. Mendakulova, A. Zhauyt. Synthesis of the initial kinematic chain of a spherical pair space. Higher School of Kazakhstan (2020) [CCES RK]  
**DOI:** [10.1051/matecconf/201825104028](https://doi.org/10.1051/matecconf/201825104028)

18- A. Zhauyt, M. Azilkiyasheva. The kinematic analysis of sewing machine mechanisms. Vestnik AUES (2020) [CCES RK]  
**DOI:** [10.51775/1999-9801-2020-51-4-155-163](https://doi.org/10.51775/1999-9801-2020-51-4-155-163)

19- Zhauyt A., Amirova Z., Kazynabi D., Kinematic analysis of the horizontal-forging mechanisms. Vestnik AUES (2019) [CCES RK]  
**DOI:** [10.51775/1999-9801\\_2019\\_47\\_4\\_170](https://doi.org/10.51775/1999-9801_2019_47_4_170)

## Software Skills

- **CSI Software (SAP2000, ETABS, SAFE):** *Expert*
- **SAM:** *Advanced*
- **PYTHON:** *Advanced*
- **GIM Software:** *Advanced*
- **MSC ADAMS:** *Intermediate*
- **MAPLE:** *Intermediate*
- **ANSYS:** *Intermediate*
- **MATLAB:** *Intermediate*
- **ABAQUS Finite Element Modeling:** *Intermediate*

## Language Skills

- Kazakh: Native
- Russian: Advanced in All Skills
- Chinese: Advanced in All Skills
- English: Advanced in All Skills
- TOEFL IBT: (Academic Module)

## References

- 1- Professor Oleg Yu. Latyshev; President of International Mariinskaya Academy named after M. D. Shapovalenko, Russian. E-Mail: [olegl@ioso.ru](mailto:olegl@ioso.ru)
- 2- Professor Ashok K. Vaseashta; International Clean Water Institute, USA. E-Mail: [prof.vaseashta@nanoknowledge.info](mailto:prof.vaseashta@nanoknowledge.info)
- 3- Professor Aivars Aboltins; Latvia University of Life Sciences and Technologies, Latvia. E-Mail: [aivars.aboltins@inbox.lv](mailto:aivars.aboltins@inbox.lv)
- 4- Professor Anastas Ivanov; Todor Kableshkov University of Transport, Bulgaria. E-Mail: [aii2010@abv.bg](mailto:aii2010@abv.bg)
- 5- Professor Mohammad Ayaz Ahmad; University of Tabuk, Saudi Arabia. E-Mail: [mayaz.alig@gmail.com](mailto:mayaz.alig@gmail.com)
- 6- Professor Mohammed K A Kaabar; Washington State University, USA. E-Mail: [mohammedkaabar@gmail.com](mailto:mohammedkaabar@gmail.com)
- 7- Professor Fateh Mebarek-Oudina, University of Skikda, Algeria. E-Mail: [oudina2003@yahoo.fr](mailto:oudina2003@yahoo.fr)
- 8- Professor Nursabah Sarikavakli, Aydin Adnan Menderes University, Turkey. E-Mail: [nsarikavakli@gmail.com](mailto:nsarikavakli@gmail.com) or [nsarikavakli@adu.edu.tr](mailto:nsarikavakli@adu.edu.tr)
- 9- Professor Omar Ali Al-Khashman; Al-Hussein Bin Talal University, Jordan. E-Mail: [omarkhashman@yahoo.com](mailto:omarkhashman@yahoo.com)
- 10- Professor Kozhevnikov Alexander Vyacheslavovich; Cherepovets State University, Russian. E-Mail: [avkozhevnikov@chsu.ru](mailto:avkozhevnikov@chsu.ru)
- 11- Professor Evgeny L. Pankratov; Lobachevsky State University of Nizhni Novgorod, Russian. E-Mail: [elp2004@mail.ru](mailto:elp2004@mail.ru)
- 12- Professor Denis Chemezov; Vladimir Industrial College, Russian. E-Mail: [chemezova@yandex.ru](mailto:chemezova@yandex.ru)
- 13- Professor Saeid Parsa; Materials and Energy Research Centre, Iran. E-Mail: [saeidparsa2004@gmail.com](mailto:saeidparsa2004@gmail.com)
- 14- Professor Emad Kamil Hussein; Al-Furat Al-Awsat Technical University, Iraq. E-Mail: [emadkamil72@gmail.com](mailto:emadkamil72@gmail.com)
- 15- Professor Rey Segundo Guerrero-Proenza; University of Information Sciences, Cuba. E-Mail: [reysgp@uci.cu](mailto:reysgp@uci.cu)
- 16- Professor Jozef Drewniak; University of Bielsko-Biala, Poland. E-Mail: [jdrewniak@ath.bielsko.pl](mailto:jdrewniak@ath.bielsko.pl)
- 17- Professor Nikolay Dolchinkov; Vasil Levski National Military University Bulgaia. E-Mail: [n\\_dolchinkov@abv.bg](mailto:n_dolchinkov@abv.bg)
- 18- Professor Mila Ilieva; University of Mining and Geology, Bulgaria. E-Mail: [mila.ilieva@mgu.bg](mailto:mila.ilieva@mgu.bg)
- 19- Professor Adnan Ali; University of North Carolina, USA. E-Mail: [adnnan\\_1982@yahoo.com](mailto:adnnan_1982@yahoo.com)
- 20- Professor Mingfeng Wang; University of Nottingham, UK. E-Mail: [mingfeng.danny.wang@gmail.com](mailto:mingfeng.danny.wang@gmail.com)
- 21- Professor Malgorzata Przybysz-Zaremba; State University of Ignacy Moscicki in Ciechanow, Poland. E-Mail: [malgorzata.p\\_z@interia.pl](mailto:malgorzata.p_z@interia.pl)
- 22- Professor Deyu Wang; Shanghai Jiao Tong University, China. E-Mail: [dywang@sjtu.edu.cn](mailto:dywang@sjtu.edu.cn)
- 23- Professor Vanliem Nguyen; Hubei Key Laboratory of intelligent Conveying Technology and Device, Hubei Polytechnic University, Huangshi 435003, China. E-Mail:

xuanliem712@gmail.com