



PROGRAM

VI International Scientific and Practical Symposium INNOVATION AND SUSTAINABILITY OF MODERN RAILWAY



September 25 - 28

Federal Agency for Railway Transportation Irkutsk State Transport University East China Jiaotong University

PROGRAM

VI International Scientific and Practical Symposium INNOVATION AND SUSTAINABILITY OF MODERN RAILWAY

September 25 - 28

SCIENTIFIC COMMITTEE

Chairmen:

KARGAPOLTSEV Sergei

Rector, Professor, Irkutsk State Transport University(ISTU), Russia

LUO Yufeng

President, Professor, East China Jiaotong University(ECJTU), China

Vice-chairmen:

KHOMENKO Andrei

President, Professor, ISTU, Russia

FAN Yong

Vice-president, Professor, ECJTU, China

Committee Members:

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Scientific Center of the Siberian Branch	region
of the Russian Academy of Sciences (SB	
RAN)	
ELISEEV Sergei	FROLOV Vasilii
D.Sc. in Engineering, professor, director	Chief of East-Siberian Railway – the
of Scientific-educational Center of	branch of Joint Stock Company "Russian
Modern Technologies, System Analyses	Railways"
and Modeling	
PEREGUDOVA Valentina	SULEIMANOV Arthur
Minister of Education of Irkutsk region	Minister of Housing Policy, Energy and
	Transport of Irkutsk region
ZHIGZHIDNYAMAA Damdinsuren	SONG Pinggang
Chief of Joint Stock Company "Ulan-	Professor, ECJTU, China
Bator Railway", MONGOLIA	
LIU Linya	YANG Hui
Professor, ECJTU, China	Professor, ECJTU, China
HU Fengping	CHEN Shiming
Professor, ECJTU, China	Professor, ECJTU, China
LIU Yande	ZHAO Junhui
Professor ECJTU, China	Professor, ECJTU, China
HAN Shizhuan	ZHANG Cheng
Professor, ECJTU, China	Professor, ECJTU, China
CAO Yiqin	WAN Yizao
Professor, ECJTU, China	Professor, ECJTU, China
FENG Qingsong	ZHENG Mingxin
Professor, ECJTU, China	Professor, ECJTU, China

HUANG Zhichao	CHEN Jianyun
Professor, ECJTU, China	Professor, ECJTU, China
ZHA Weixiong	HU Guoliang
Professor, ECJTU, China	Professor, ECJTU, China
LI Zili	
Professor, Delft University of	

Professor, Delft University of Technology, Netherlands

ORGANIZING COMMITTEE

Chairmen:

KHOMENKO Andrei

President, Professor, ISTU, Russia

WAN Ming

Chancellor, Professor, ECJTU, China

LUO Yufeng

President, Professor, ECJTU, China

Vice-chairmen:

LIVSHITS Alexander

Professor, vice-rector for Research, ISTU, Russia

FAN Yong

Vice-president, ECJTU, China

Committee Members:

ASLAMOVA Vera	ASTRAKHANTSEV Leonid
Professor, ISTU, Russia	Professor, ISTU, Russia
BOGATOV Maxim	BYKOVA Natalia
Associate professor, Head of the	Professor, chair holder, the Construction
International Cooperation Department,	of the Roads, Bridges and Tunnels chair,
ISTU, Russia	ISTU, Russia
BUBNOV Vyacheslav	DEMYANOV Vladislav
Professor, Dean of the Management,	Associate professor, professor of the
Logistics and Customs Department,	Automatics, Telemechanics and
ISTU, Russia	Communication chair, ISTU, Russia
KRYUKOV Andrei	KHUDONOGOV Anatolii
Professor, professor of the Electric	Professor of the Electric Rolling Stock
Power Industry of Transport chair, ISTU,	chair, ISTU, Russia
Russia	
MELNICHENKO Oleg	LIVSHITS Alexander
Professor, chair holder, the Electric	Professor, vice-rector for Research,
Rolling Stock chair , ISTU, Russia	ISTU, Russia

PODVERBNYI Vyacheslav	RUSH Elena
Professor, professor of the Railway	Professor, Chair holder, the
Construction chair, ISTU, Russia	Technosphere Safety chair
SOLSKAYA Irina	SACHKOV Dmitrii
Professor, professor of the Finance and	Head of the Research Department, ISTU,
Accounting chair, ISTU, Russia	Russia
SAVOSTEEVA Margarita	
Head of the Research and Contractual	
Work Department, ISTU, Russia	

OPERATING PROCEDURE OF THE SYMPOSIUM

September 25 (Tuesday)

	T		
9:00 – 20:00	Meeting the participants (airport), hotel check-in		
12:00-13:00	Meeting the Rector		
13:00-14:00	Tour around the University		
17:30-20:00	Cultural program for the Symposium participants		
	September 26 (Wednesday)		
09:00 - 10:00	Registration of the participants (Room D-801)		
10:00 – 11:00	Opening the Symposium, Plenary Session		
11:00 – 11:15	Coffee-break		
11:15 – 12:00	Opening the Symposium, Plenary Session		
12:00 – 13:00	Lunch		
13:00 – 15:00	Breakout Sessions		

September 27 (Thursday)

15:00 - 15:15

15:15 – 17:00

17:00 – 18:00

Coffee-break

Lunch

Breakout Sessions

	September 27 (Thursday)
	Session:
10:00 - 11:00	№ 1. Railway rolling stock (Room E-207);
10:00 - 11:00	№ 2. Power supply of railway transport (Room D-208);
10:00 - 11:00	№ 3. Development of railway transport infrastructure and transport security
	(Room A-216);
10:00 - 11:00	№ 4. Operational work, transport logistics (Room A-407);
10:00 - 11:00	№ 5. Technosphere and environmental safety (Room A-803);
10:00 - 11:00	№ 6. Social and economic problems of railway transport development
	(Room A-405).
11:00 - 11:15	Coffee-break
	Session:
11:00 – 13:00	№ 1. Railway rolling stock (Room E-207);
11:00 - 13:00	№ 2. Power supply of railway transport (Room D-208);
11:00 - 13:00	№ 3. Development of railway transport infrastructure and transport security
	(Room A-216);
11:00 – 13:00	№ 4. Operational work, transport logistics (Room A-407);
11:00 – 13:00	№ 5. Technosphere and environmental safety (Room A-803);
11:00 – 13:00	№ 6. Social and economic problems of railway transport development
	(Room A-405).
13:00 – 14:00	Lunch
	Session:
14:00 – 16:00	№ 1. Railway rolling stock (Room E-207);
14:00 - 16:00	№ 2. Power supply of railway transport (Room D-208);
14:00 – 16:00	№ 3. Development of railway transport infrastructure and transport security
	(Room A-216);
14:00 – 16:00	№ 4. Operational work, transport logistics (Room A-407);
14:00 – 16:00	№ 5. Technosphere and environmental safety (Room A-803);
14:00 – 16:00	№ 6. Social and economic problems of railway transport development
	(Room A-405).

September 28 (Friday)

10:00 – 18:00	Cultural program for the Symposium participants
23:00	Departure to the airport

PROGRAM

September 26, room D-801 (start of working time is at 10:00 a.m.)

Plenary Session

The Chairman

Kargapol'tsev Sergei Konstantinovich Full professor, Rector of Irkutsk State Transport University,

Co-Chair

Xiaoyan Lei Full professor, Director School of Civil Engineering and Architecture, China

The Secretary

Livshits Aleksandr
Valeryevich
Full professor,
Vice-rector for Research,
ISTU

1.	Kargapol`tsev Sergei Konstantinovich, D. Sc. in Engineering, Full professor, Rector of Irkutsk State Transport University Opening of the VI International Scientific and Practical Symposium
2.	Khomenko Andrei Pavlovich, D. Sc. in Engineering, Full professor, President of Irkutsk State Transport University Welcoming address
3.	Xiaoyan Lei, Full professor, Director of the School of Civil Engineering and Architecture, China Welcoming address
4.	Dorofeev Vladimir Yuryevich , First vice-Governor of the Irkutsk region Welcoming address
5.	Sulei`menov Artur Mukhtarovich, Minister of Housing Policy, Energy and Transport of the Irkutsk Region Welcoming address
6.	Peregudova Valentina Vasilyevna, Minister of Education of the Irkutsk Region Welcoming address
7.	Milostnykh Igor` Vasilyevich, First vice chief officer of the Ulan-Baatar Railways Welcoming address
8.	Zarubin Igor` Fyodorovich, Vice chief officer of the East-Siberian Railways. General auditor of the train traffic safety of the East-Siberian Railways Welcoming address
9.	Bychkov Igor` Vyacheslavovich, D. Sc. in Engineering, Member of Russian Academy of Sciences, Acting Rector of ISU Welcoming address
10.	Livshits Alexandr Valeryevich, Full Professor, Vice-rector for Research, Irkutsk State Transport University Report "The East-Siberian Railway is the basis for sustainability of the Siberian Polygon"
11.	Xiaoyan Lei, Full professor, Director of the School of Civil Engineering and Architecture, China
12.	Moskvichyov Vladimir Victorovich , D. of Sc. in Engineering, Full professor, honored scientist of the Russian Federation, Director of the Special Design and Technology Bureau "Science" of the
13.	Bubnov Vyacheslav Anatolyevich, D. Sc. in Economics, Associate Professor, dean of the department of "Management, Logistics and Customs" Report "The impact of railway transport on Russia's economic growth and development"
14.	Pykhalov Anatolii Alexandrovich, D. Sc. In Engineering, Full professor, Director of the Training Center "Computer Technologies of Engineering Analysis" Report "Computer technologies of the engineering analysis in the Interregional branch university complex "Irkutsk State Transport University"

SESSION № 1 RAILWAY ROLLING STOCK

September 26, room E-207 (start of working time is at 01:00 p.m.)

Chairman

Secretary Mel`nichenko Oleg Valeryevich

D. Sc. in Engineering, Full professor, Chair holder, the chair of Electric Rolling Stock

Dul`skii Evgenii Yuryevich Ph.D. in Engineering, Associate Professor of the chair of Electric Rolling Stock

1.	Mingxin Zheng
1.	ANALYSIS ON THE CREEP MECHANISM OF HIGH-SPEED RAILWAY EMBANKMENT
2.	Bolin He
۷٠	EFFECT OF UIT ON THE FATIGUE PRORERTIES OF WELDED JOINT FOR TRAIN BOGIE
	Aslamova V.S., Rush E.A., Temnikova E.A., Tungalag T., Kargapoltsev S.K., Skopintseva
3.	T.A.
٥.	AUTOMATION OF NON-CONTROL DIESEL LOCOMOTIVE OF SERIES 2TE116UM No.
	031
	Belsky I.O., Lukyanov A.V.
4.	AUXILIARY ASYNCHRONOUS ELECTRIC LOCOMOTIVES MACHINES MAGNETIC
	FIELD PARAMETERS MODELING IN CURRENT ASYMMETRY IN PHASES
	Ilyin E.S., Ratushnyak V.S., Yuryev A.V., Vakhrusheva O.Yu.
5.	EXPERIENCE IN THE MAGNETIC PULSE INSTALLATION MODEL USE TO CLEAN THE
	GONDOLA CAR FROM THE FROSTED AND PACKED CARGO
_	Ermolenko I.Yu., Zheleznyak V.N., Martynenko L.V.
6.	INTERRELATION OF THE CAUSES OF FAILURE OF THE AXLE BOXES AND THE
	MALFUNCTION OF THE AUTOMATIC COUPLINGS (TYPE SA-3)
_	Baryshnikov V.I., Shestakov A.A., Vyaznikov A.S.
7.	PULSE VISUALIZED CRYSTALLINE INFRARED LASER FOR AUTOMATED TESTING OF
	BOLOMETRIC SYSTEMS
0	Petrov G.I., Tarmaev A.A.
8.	IMPROVING OF THE DYNAMIC QUALITIES OF CARS BY INSTALLING WEAR- RESISTANT VIBRATION-ABSORBING ELEMENTS IN A TRUCK
9.	Dulsky E.Yu., Manuilov N.I., Ivanov P.Yu., Khudonogov A.M. IMPROVEMENT OF METHODS AND MEANS OF CONTINUOUS DIAGNOSIS OF THE
9.	BRAKE TRAIN NETWORKS
	Filippenko N. G.
10.	**
10.	OPERATED IN CLIMATE CONDITIONS OF URAL, SIBERIA AND THE FAR EAST
-	Bychkovsky V. S., Filippenko N. G., Popov S. I., Livshits A. V., Kargapoltsev S.K.
11.	
	PRODUCTS WITH FRICTION UNITS IN MACHINERY PRODUCTION EQUIPMENT.
	Dulskiy E.Yu., Ivanov P.Yu., Khudonogov A.M.
12.	BASIS FOR LOCAL METHODS OF INSULATION HARDENING OF TRACTION ROLLING
	STOCK ELECTRICAL MACHINES

SESSION № 2 POWER SUPPLY OF RAILWAY TRANSPORT

September 26, room D-208 (start of working time is at 01:00 p.m.)

Chairman

Secretary

Kryukov Andrei Vasilyevich D. Sc. in Engineering, Full professor, Chair rofessor of Electric Power Industry of Transport Cherepanov Alexandr Valeryevich
Ph.D. in Engineering, Associate Professor of the
Chair of Electric Power Industry of Transport

	ZakaryukinV.P., Kryukov A.V., Alekseenko E.A.
1.	SIMULATION OF EMERGENCY CONDITIONS IN RAIL ELECTRIC TRACTION
	NETWORKS
2.	Rongguang Di, Lixia Zuo
۷.	HIGH-SPEED RAILWAY TRACTION SUBSTATION VIDEO LINKAGE SYSTEM
	Bulatov Yu.N., Kryukov A.V., Cherepanov A.V., Avdienko I.M., Kutsyi A.P.
3.	ELECTRIC ENERGY QUALITY MANAGEMENT IN RAILWAYS POWER SUPPLY
	SYSTEMS
	Jie Yuan
4.	DESIGN OF DIFFUSE REFLECTIVE FREE SURFACE BASED ON TRAIN TUNNEL
	LIGHTING
	Kolmakov V.O.
5.	INCREASE IN ELECTROMAGNETIC COMPATIBILITY OF INFRASTRUCTURE
	FACILITIES OF THE RAILROADS
	Zakaryukin V.P., Kryukov A.V., Kushov A.V., Cherepanov A.V.
6.	PARAMETRICAL IDENTIFICATION OF RAILROAD TRACTION POWER SUPPLY
	SYSTEMS OF ALTERNATING CURRENT
	Bakanin D.V., Filatova S.N., Bychkovsky V.S., Chipizubova S.V., Gadzhieva A.A.
7.	USE OF HIGH FREQUENCY HEATING IN SANDWICH PANELS MANUFACTURING
-	WITH SILICON-CONTAINING PRODUCTION WASTES INSULANT.
	Filippenko N.G., Livshits A.V., Kargapoltsev S.K., Shastin V.I.
8.	ANALYSIS OF THE METHODS OF PROCESSING MATERIALS WITH THE USE OF
-	MAGNETOELECTRIC FIELDS
	Butorin D.V.
9.	AUTOMATION OF THE PROCESS OF CONTROL OF STATES OF POLYMER MATERIALS
	AT ELECTROTHERMAL TREATMENT

SESSION № 3

DEVELOPMENT OF RAILWAY TRANSPORT INFRASTRUCTURE AND TRANSPORT SECURITY

September 26, room A-216 (start of working time is at 01:00 p.m.)

Chairman

Secretary

Podverbnyi Vyacheslav Anatolyevich D. Sc. in Engineering, Associate professor, Professor of the chair of Railways, Bridges and Tunnels Construction

STRENGTH

Koven`kin Dmitrii Alexandrovich Ph.D. in Engineering, Associate Professor, Chair holder, the chair of Railway Track and Facilities

Chao Yang THE DEVELOPMENT STATUS AND RESEARCHES ON DYNAMIC CHARACTERISTICS 1. OF HIGH-SPEED TRAIN IN CHINA Leonenko E.G., Kapustina E.P., Buynova N.P. ANALYSIS OF CAUSES OF DERAILMENT OF EMPTY WAGONS TO THE INSIDE OF THE 2. CURVE AND POSSIBLE SOLUTIONS FOR THE PROBLEM **Zhaoping Tang** RAILWAY EMERGENCY DISPATCHING OPTIMIZATION BASED ON THE 3. SATISFACTION DEGREE UNDER FAIR PRINCIPLE **Zhichao Huang** 4. DEVELOPMENT OF SELF-PIERCING RIVETING Orlenko A.I., Bol'shakov R.S., Dimov A.V. EVALUATING DYNAMIC CONSTRAINT REACTIONS IN THE INTERACTIONS OF ELEMENTS OF MECHANICAL OSCILLATORY 5. SYSTEMS DEVELOPMENT OF METHODOLOGICAL POSITIONS Weiging Yu THE EXPERIMENTAL ANALYSIS AND RESEARCH OF THE INFLUENCE FACTORS OF 6. THE UNDERFLOOR WHEEL LATHE FOR THE EFFECT OF TURNING REPAIR **Jianping Sun** 7. THE INFLUENCES ON DISC CUTTER WEAR OF SHIELD MACHINE BASED ON ORTHOGONAL TEST METHOD Shijuan Fan 8. STUDY ON LUMINAIRE-DISTRIBUTION PARAMETERS OPTIMIZATION OF THRESHOLD AND TRANSITION ZONE OF HIGHWAY TUNNEL LIGHTING Podverbniv V.A., Titov K.M., Kholodov P.N. 9. URBAN HIGH-SPEED TRAM SYSTEMS DESIGNING Dil V.F., Daneev A.V., Sizykh V.N. INVESTIGATION OF OWN PROPERTIES OF THE AIRCRAFT MOVEMENT THROUGH 10. THE FIRST AND GENERAL INTEGRALS OF MOVEMENT OF EILER'S DYNAMIC **EOUATIONS** Butorin D. V., Bychkovsky V. S., Filippenko N. G., Livshits A. V., Kargapoltsev S. K. INVESTIGATIONS OF MECHANICAL, PHYSICAL AND TECHNICAL PROCESSES IN OIL-FILLING OF PRODUCTS MADE OF POLYMERIC AND COMPOSITE MATERIALS Kargapoltsev S. K., Shastin V. I., Livshits A. V. METHOD FOR ASSESSING THE MUTUAL INFLUENCE OF THE MICROSTRUCTURE OF A MODIFIED SURFACE LAYER ON ITS PHYSICAL AND MECHANICAL PROPERTIES Alexandrov A.A. 13. MODELING OF NON-UNIFORM DISTRIBUTION OF THERMAL RESIDUAL STRESSES Rusanov V.A., Agafonov S.V., Daneev A.V., Okladnikova E.V. 14. PERFORMANCE OF COATINGS: A STATISTICAL TECHNIQUE FOR CALCULATING THE

	Skorobogatova M.V., Arshinsky L.V., Daneev A.V. Noskov S.I., Sizykh V.N.
15.	PROBLEMS OF DETERMINATION OF THE OPTIMAL FORM OF A GROUND EFFECT
	WING OF FINITE SPAN BY ANALYTICAL AND NUMERICAL METHODS
	Popov M. S., Livshits A.V., Filippenko N. G., Popov S. I., Popov A. S.
16.	THE AUTOMATED EXPERIMENTAL STUDY OF THE COMBINED TREATMENT OF
	POLYMERIC MATERIALS
1.7	Shastin V. I., Kargapoltsev S. K., Filippenko N.G.
17.	METHOD FOR DETERMINING THE HARDNESS OF MICROSCOPIC OBJECTS
	Butorin D.V., Filippenko N.G., Livshits A.V., Kargapoltsev S.K.
18.	STUDIES OF STRUCTURAL TRANSFORMATIONS OF POLYMERIC MATERIALS IN THE
	PROCESS OF THEIR THERMAL TREATMENT
	Qincui Fu, Hanhua Zhong
19.	RAILWAY POWER MALFUNCTION DATA PROCESSING BASED ON PUBLISH AND
	SUBSCRIBE AND INVERTED INDEX
	Eliseev S.V., Bol'shakov R.S., Orlenko A.I., Mironov A.S.
20.	EVALUATION OF THE DYNAMIC STATE OF MECHANICAL VIBRATIONAL SYSTEMS
	WITH A SOLID ON ELASTIC SUPPORTS WITH MOTION TRANSFORMATION DEVICES
	Kashkovsky V.V., Tikhiy I.I.
21.	METHOD OF ASSESSMENT STIFFNESS AND STRENGTH OF HIGHWAY AND
	RAILROAD BRIDGES
22.	L'vova A.S.
22.	ORGANIZATION OF NON-DESTRUCTIVE EXAMINATION OF RAILS
	Bykova N.M., Baranov T.M., Baranova S.A.
23.	ENSURING THE SAFETY OF RAILWAY BRIDGES METHODOLOGY USING
	MONITORING SYSTEMS
	Semenov R.M., Lopatin M.N.
24.	HYDROGEOCHEMICAL PRECURSORS OF EARTHQUAKES AND THEIR SEARCH IN
	THE SOUTHERN CIS-BAIKAL REGION
	Surchovetskia G.N., Arshinsky L.V., Daneev A.V
25.	THE STRUCTURE OF THE TRANSPORT INFORMATION SYSTEM AND DATA
	SECURITY IN EXTERNAL DATA WAREHOUSES
	Baryshnikov V.I., Goreva O.V., Tupitsin A.A.
26.	LINEAR LUMINESCENT SENSORS FOR LASER CONTROL RESPONSIBLE
	CONSTRUCTIONS

SESSION № 4 OPERATIONAL WORK, TRANSPORT LOGISTICS

September 26, room A-407 (start of working time is at 01:00 p.m.)

Chairman

Bubnov Vyacheslav Anatolyevich
D. Sc. in Economics, Associate Professor, Dean
of Management, Logistics and Customs
Department

Secretary

Yakhno Tatiana Vyacheslavovna Ph.D. in Philology, Associate Professor, Vice Dean of Management, Logistics and Customs Department

1.	Molchanova E.D., Battogtoch Batnasan ACTIVITIES OF THE TRANSPORT PROCESS PARTICIPANTS IN MONGOLIA AGGREGATING STRUCTURAL OBJECTS OF THE MODULAR MONITORING AND CONTROL SYSTEM.
2.	Ren Zhong EVALUATION OF HIGHWAY FREIGHT PLATFORM COMPETITIVENESS BASED ON FUZZY MULTILEVEL EXTENSION THEORY
3.	Belogolov Yu.I., Olentsevich V.A., Astashkov N.P. IMPROVEMENT OF TRANSPORT PROCESSES OPERATIONAL MANAGEMENT ON RAILWAY TRANSPORT
4.	Zhuoqun Li FORECASTING METHOD AND TARGET INVENTORY ON THE EFFECT OF SUPPLY CHAIN: THE CASE STUDY OF FAST MOVING CONSUMER GOOD
5.	Bazilevskiy M.P., Banshchikova A.A. LINEAR-MULTIPLICATIVE REGRESSION MODELS OF TRAFFIC VOLUMES OF LARGE-CAPACITY CONTAINERS ON RAILWAY CHECKPOINT OF ZABAYKALSK – MANCHURIA
6.	Weihua Gan THE INTERACTION THROUGH LOGISTICS PLATFORMS: A LITERATURE REVIEW
7.	Demyanov V.V., Imarova O.B., Garmysheva E.S., Yasyukevich Yu. V. MAIN CURRENT PROBLEMS AND DIRECTIONS FOR THE DEVELOPMENT OF GNSS TECHNOLOGIES
8.	Li Han RESEARCH ON THE FACTORS OF LOGISTICS PLATFORM RESOURCE INTEGRATION BASED ON IT-UTAUT MODEL
9.	Gefan G.D. MODELING THE SEASONAL COURSE OF PASSENGER TURNOVER ACCORDING TO STATISTICAL DATA OF TIME SERIES
10.	Xinjian Zhou STABILITY ANALYSIS OF HIGH SPEED MULTIPLE UNITS
11.	ULAANBAATAR RAILWAY
12.	Likhota R.V., PultyakovA.V., AlekseenkoV.A., Lontsikh P.A. ORGANIZING OPERATION OF MICROPROCESSOR DEVICES OF RAILWAY AUTOMATION BASED ON THE INCIDENT MANAGEMENT SYSTEM
13.	Rusakova O.I., Borodavko L.S., Golovan S.A. RISK MANAGEMENT IN THE INTERNATIONAL CARGO TRANSPORTATION BY THE RAILWAY
14.	Zakharov D. V., Kuzmin O. V. THE APPROACH TO THE PROBLEMS OF MONITORING OF CONTROLLING SYSTEMS FOR RAILWAY TRANSPORT BASED ON RELATIONAL INTERACTIVE LOGIC

	Golskaya Yu. N.
15.	THE USE OF FORESIGHT IN DEVELOPING THE STRATEGY FOR THE DEVELOPMENT
	OF TRANSPORT INFRASTRUCTURE IN THE REGION
	Fufacheva M.V., Ivankova L.N., Sirazetdinova A.D.
16.	USE OF VARIOUS TECHNIQUES IN THE CONDUCT OF ADVANCED TRAINING
	COURSES FOR RAILWAY WORKERS
	Yakimova L. D., Yarkova S.A., Danilova A.S., Malakhova A.A.
17.	THE USE OF THE PERSONNEL MANAGEMENT METHODS TO MANAGE THE SAFETY
	CULTURE
	Iluin E.S., Shvedov V.A.
18.	DETERMINATION OF ROAD SIGNS SIMILARITY AT THE EXAMPLE OF SPEED
	RESTRICTION SIGNS
	Golskaya Yu. N., Basova A.
19.	FORMATION OF INTERNAL CONTROL SYSTEM AT RAILWAY TRANSPORT
	ENTERPRISES
	Arshinsky V.L., Arshinsky L.V., Khishigsuren Dorjsuren
20.	PROBLEMS OF THE DEVELOPMENT OF A KNOWLEDGE-BASED EXPERT SYSTEM FOR
	THE AGGREGATED ASSESSMENT OF THE RAILWAY STATION PERFORMANCE
21.	Yermakov A.A., Yermakova L.V.
21.	ESTIMATED MODEL OF THE ARRIVAL TIME OF TRAINS TO THE STATION
22.	Malovetskaya E.V.
	THE ORGANIZATION OF PASS OF GROUP TRAINS UPON TRANSITION TO SOLID
	LINES OF THE SCHEDULE

SESSION № 5 TECHNOSPHERE AND ENVIRONMENTAL SAFETY

September 26, room A-803 (start of working time is at 01:00 p.m.)

Chairman

Rush Elena Anatolyevna

D. Sc. in Engineering, Full professor, Chair holder, the chair of Technosphere Safety

Secretary

Mashukov Andrei Alexandrovich Ph.D. in Engineering, Associate Professor, Associate Professor of the chair of Technosphere Safety,

	Tarmaeva I.Yu., Sandalkhan E., Savchenkov M.F., Pankov V.A., Kuleshova M.V.
1.	ASSESSMENT OF WORKING CONDITIONS AND OCCUPATIONAL RISK TO THE HEALTH OF THE CONDUCTORS OF PASSENGER RAILROAD CARS OF MONGOLIA
	Kurenkova G. V., Sudeikina N. A., Potapova M. O.
2.	CARCINOGENS IN MANUFACTURING ENTERPRISES OF THE RAILWAY
	Dulsky E.Yu., Ivanov P.Yu., Khudonogov A.M., Lobytsin I.O., Manuilov N.I., Ivanov V.N.
3.	CLIMATIC CONDITIONS OF EAST-SIBERIAN RAILWAY
	Bo Deng, Xueyi Xiao
4.	THE ASSESSMENT INDEX SYSTEM AND EVALUATION OF HIGH-SPEED RAIL
	CARBON EMISSION REDUCTION
	Grigoryeva N.N.
5.	EVALUATION OF THE FEASIBILITY OF IMPLEMENTING AN INNOVATIVE PROJECT
٥.	OF THE AUTOMATED CONTROL SYSTEM OF LOCOMOTIVE SAFETY IN THE SERVICE
	LOCOMOTIVE DEPOT "IRKUTSKOYE"
_	Arshinsky L.V., Aslamova E.A., Krivov M.V., Aslamova V.S.
6.	EXPERT SYSTEM OF THE AGGREGATE ASSESSMENT OF THE STATUS OF
	INDUSTRIAL SAFETY AT RAILWAY TRANSPORT FACILITIES
7	Zabuga G.A., Efimova N.V., Elfimova T.A.
7.	IMPACT OF THE FOREST FIRES SMOKE ON THE URBANIZED TERRITORIES WITH COMPONENTS OF THE RAILWAY TRANSPORT INFRASTRUCTURE
	Duck E A Obugaling M V V guckeyin N A Angudevick C C Cleanintgove T A
Q	Rush E.A., Obuzdina M.V., Korchevin N.A., Anardovich S.S., Skopintseva T.A.
8.	SOLUTION OF ENVIRONMENT PROBLEMS OF WASTEWATER TREATMENT BY
8.	SOLUTION OF ENVIRONMENT PROBLEMS OF WASTEWATER TREATMENT BY MEANS OF CREATING SORBENTS BASED ON NATURAL ZEOLITE
	SOLUTION OF ENVIRONMENT PROBLEMS OF WASTEWATER TREATMENT BY MEANS OF CREATING SORBENTS BASED ON NATURAL ZEOLITE Yarkova S.A., Yakimova L. D., Yarkov K.V., Vashko T.A.
9.	SOLUTION OF ENVIRONMENT PROBLEMS OF WASTEWATER TREATMENT BY MEANS OF CREATING SORBENTS BASED ON NATURAL ZEOLITE Yarkova S.A., Yakimova L. D., Yarkov K.V., Vashko T.A. THE USE OF THE RISK - MANAGEMENT TECHNOLOGY TO DECREASE THE INJURIES
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SESSION № 6 SOCIAL AND ECONOMIC PROBLEMS OF RAILWAY TRANSPORT DEVELOPMENT

September 26, room A-405 (start of working time at 01:00 p.m.)

Chairman

Yakobson Anatolii Yakovlevich D. Sc. in Geography, Full professor, Chair professor of Management

Secretary

Kirillova Tatyiana Klimentyevna Ph.D. in Economics, Associate Professor, Associate Professor of the chair of Management

1.	Shura Bayaraa, Jakobson A.Y. THE INSTITUTE OF TRANSPORT IN ULAN-BATOR: PROBLEMS AND PROSPECTS
2.	Solskaia I.Yu., Grosheva N.B. ECONOMIC SECURITY INVESTMENT ASPECTS OF JSC RUSSIAN RAILWAYS
3.	Xiaoqiang Hu ANALYSIS ON TRAINING METHODS OF SPOKEN ENGLISH IN CHINA RAILWAY PASSENGER TRANSPORTATION
4.	Sedykh K.A., Khaletskaya S.A. ENSURING RAILWAY TRANSPORT ECONOMIC SECURITY IN THE REFORMING CONDITIONS
5.	Bogdanova L.V., Isaeva E.Yu., Rublyov G.V. PERSON-ORIENTED TECHNOLOGY OF PROFESSIONAL DEVELOPMENT OF A SPECIALIST IN THE RAILWAY ENGINEERING UNIVERSITY
6.	Merkulov S.A., Samarina M.V. RAILWAY TRANSPORT IN RUSSIA, AS AN INFRASTRUCTURE FACILITY
7.	Molchanova M.L., Freidman O.A., Sachkov D.I. RISK MANAGEMENT IN SUPPLY CHAINS: MINIMIZING RISKS THROUGH INSURANCE
8.	Jakobson A.Y., Perfilyeva A.I., Kulesh M.I. SWOT-ANALYSIS IN REGIONAL STRATEGIC PLANNING
9.	Bubnova Yu., Malanina Yu. N. THE PROBLEMS OF FUNDING ATTRACTION FOR THE DEVELOPMENT OF THE EASTERN POLYGON
10.	Dinets D.A., Konotopov M.V. International Transport Corridors: China and Russia's interests
11.	Rusakova O.I., Bylkov V. THE SOCIAL AND ECONOMIC ASPECTS OF THE EMPLOYMENT IN RAILWAY TRANSPORT OF CHINA
12.	Rudenko M.G., Shcherbakov I.S., Daneev A.V. THE SUPERCOOLED WATER VAPOR TO THE CREEPING FOREST FIRE FRONT LINE EXPOSURE EFFECTIVENESS
13.	Isaeva E.Yu., Bogdanova L.V., Rublyov G.V. CIVIL AND PATRIOTIC UPBRINGING OF RAILWAY ENGINEERING STUDENTS (BASED ON THE EXPERIENCE OF THE HUMANITIES DEPARTMENT)
14.	Yakovleva N.V. COMPREHENSIVE INDEX OF LOYALTY OF CUSTOMERS OF ORGANIZATIONS PROVIDING TRANSPORT SERVICES IN THE CONDITIONS OF HIGH COMPETITION
15.	Bubnova Yu., Malanina Yu. N. CONFLICTOLOGICAL COMPETENCE OF THE LEADER AS A CONDITION OF PROFESSIONAL TEAM-BUILDING
16.	Kashpurova O.V., Yahno T.V. PHASES OF CONFLICTOLOGICAL COMPETENCE FORMATION