



MINISTRY OF EDUCATION AND SCIENCE OF
UKRAINE



KYIV NATIONAL UNIVERSITY OF
CONSTRUCTION AND ARCHITECTURE



POLISH ACADEMY OF SCIENCES (KYIV OFFICE)

WORKING PROGRAM

INTERNATIONAL
SCIENTIFIC – PRACTICAL CONFERENCE
OF YOUNG SCIENTISTS

«BUILD-MASTER-CLASS-2017»



BUILD MASTER CLASS 2017

28.11-01.12.2017

In Kyiv National University of Construction and Architecture

Ukraine, Kyiv, Povitroflotskyi av. 31

ORGANIZER OF THE CONFERENCE

KYIV NATIONAL UNIVERSITY OF CONSTRUCTION AND ARCHITECTURE

CO-ORGANIZER OF THE CONFERENCE

POLISH ACADEMY OF SCIENCES (KYIV OFFICE)

CONFERENCE IS SUPPORTED BY:

- Ministry of education and science of Ukraine;
- Ministry of regional development construction, housing and municipal economy Ukraine;
- All-Ukrainian Charitable Organization "Municipal Development Institute";
- Project of the Eighth Framework Programme of European Union on Research and Technology "Horizon 2020": «Train-to-NZEB: Building Knowledge Hubs»;
- Laboratories for research of energy efficiency problems in construction and architecture "Energy Center-KNUCA";
- Scientific and Educational Hub for Architectural Designing and Research of Nearly Zero Energy Buildings (NZEB) of Kyiv National University of Construction and Architecture

CONFERENCE OBJECTIVE:

Comprehensive exchange of experience in the design and construction, reconstruction and restoration of modern architecture objects. Dissemination and development of advanced computer-aided design technology and the practical aspects its implementation. Popularization of modern efficient materials, construction and technological equipment. Improving the qualification level of specialist of architectural and planning, design, construction, engineering and technical training program.

ORGANISING COMMITTEE:

Kulikov Petro (Chairman)

Ploskyi Vitalii (Deputy Chairman)

Pidlutskyi Vasyl (Scientific Secretary)

Skochko Volodymyr (Head of working Committee)

Mykhailovskyi Denis (Head of technical Committee)

Andropova O.
Berdnykh A.
Bolharova N.
Bondarenko O.
Chepurna N.
Chernenko A.
Denysenko N.
Derevynskyi V.
Ivakhnenko I.
Frolov A.
Heher A.
Horelenko O.
Hubert Yu.
Kashchenko T.
Klymchuk M.
Kopasova H.

Koliakova V.
Kozhedub S.
Kukharuk A.
Lavrukhina K.
Mikhaleva M.
Mishchuk D.
Mishchuk Y.
Piskunov S.
Pochka K.
Priymak O.
Pronevych Yu.
Pryimachenko O.
Sakh R.
Sakharov V.
Shabala Ye.
Sharapa S.

Shkrobot M.
Shkryl O.
Shovkivska V.
Shpakova H.
Skochko L.
Sobczuk H.
Sobolevska L.
Sukhanevych M.
Tormosov R.
Tsiutsiura M.
Tsiutsiura S.
Veksliarska T.
Velychko S.
Yehorov V.
Yerukaiev A.
Zolotar L.

THEMES OF SECTIONAL AND PLENARY MEETINGS

Plenary meetings. Energy saving and ecological concepts in the new architecture. System solutions in design and construction. Modern training and information projects of construction industry.

Section 1. Architecture and Design. Theory of Architecture. Architectural design of civil buildings. Design of Architectural Environment. Architectural design. Information technologies in architecture, computer-aided engineering and design of architectural objects. Technical aesthetics, applied geometry. Energy and resource saving in construction and architecture.

Section 2. Urban planning and land use planning. Urban planning and land use planning. Urban planning information systems and City planning cadastre. Urban Construction and Management. Improving the efficiency of urban construction. Landscape architecture. Cadastre and land monitoring. Engineering geodesy, geoinformatics and photogrammetry.

Section 3. Construction, materials and design technology of building production. Structural mechanics. Building designs, buildings and constructions. Foundation Engineering. Numerical modeling of building structures. Construction materials and products. Construction Technology of production. Standardization and certification in construction..

Section 4. Engineering systems, automated systems and environmental aspects of construction. Heat and gas supply. Ventilation systems of buildings and constructions. Water supply and sanitation. Use of water and thermal energy resources. Automated systems and measuring systems. Electronics and electrical engineering. Ecological problems in construction and architecture. Technical thermal physics and industrial heat power. Energy efficiency of construction objects.

Section 5. Construction vehicles and equipment. Machines for the production of building materials and structures. Machines for earthworks, road and forestry engineering work. Handling machinery. Building Machinery Services.

Section 6. Organization, economics and management in construction. Organization of building production. Commodity and commercial activities. Construction Economics. Management in construction and architecture.

Section 7. Information Technology. Computer science. Information Technology. Information technology in education. Project and Program Management. Computer networks. Cybersecurity.

Section 8. Historical, socio-cultural, political, legal and philosophical aspects of architecture and construction development. Social-political development of society. Physical education and sports in the conditions of building production. History of Ukrainian culture. Pedagogy, philosophy and psychology of relationships in construction. Legal relations in construction and architecture.

CONFERENCE VENUE

Kyiv, Kyiv National University of Construction and Architecture,
Povitroflotskyi av. 31.

Plenary meeting – Scientific Council Hall, aud. 466
Sectional meetings are specified during registration.

CONFERENCE EXPOSITIONAL PROGRAM

During the Conference, the participants will be given the opportunity to present scientific and technical developments, new building materials and products, scientific and methodical publications, etc.

PUBLICATIONS

According to the results of the conference, the best materials will be selected, which will be recommended for publication in professional editions of KNUCA.

SCIENTIFIC COMMITTEE

Kulikov P. (Chairman) – Ukraine

Ploskyi V. (Deputy Chairman) – Ukraine

Bondar O. (Deputy Chairman) – Ukraine

Sobczuk H. (PAN) – Poland

Chepurna N. - Ukraine

Derevynskyi V. – Ukraine

Heher A. – Ukraine

Kashchenko T. – Ukraine

Klymchuk M. – Ukraine

Kozhedub S. – Ukraine

Koliakova V. – Ukraine

Kochetov G. – Ukraine

Mykhailovskyi D. – Ukraine

Perehuda Y. - Ukraine

Pidlutskyi V.– Ukraine

Piskunov S.– Ukraine

Pochka K. – Ukraine

Priymak O. – Ukraine

Priymachenko O. – Ukraine

Ryzhakova G.– Ukraine

Sakharov V.– Ukraine

Sharapa S. – Ukraine

Shebek N.– Ukraine

Shults R.– Ukraine

Skochko V. – Ukraine

Sliptsov O. – Ukraine

Tovbych V. – Ukraine

Tsiutsiura S. - Ukraine

Tuhai O. – Ukraine

CONFERENCE PARTNERS

Organizing Committee cordially thanks to Polish Academy of Sciences (Kyiv office) and personally – Prof. Henryk Sobczuk



MUNICIPAL
DEVELOPMENT
INSTITUTE



European
Commission



ENERGY
CENTRE



Train-to-NZEB

The Building Knowledge Hubs

Scientific and Educational Center for
Architectural Designing and Research of
Nearly Zero Energy Buildings of
Kyiv National University of
Construction and Architecture



CONFERENCE'S REGULATIONS

November, 28 (Tuesday)

- 9:00 – Participants' registration, Coffee break
- 10:00 – Opening of the conference, first plenary meeting
- 13:30 – Lunch
- 14:30 – Sectional meetings
- 16:00 – Expositional program, continuation of sectional meetings

November, 29 (Wednesday)

- 10:00 – Sectional meetings
- 13:00 – Lunch
- 14:00 – Continuation of sectional meetings
- 16:00 – Expositional program, continuation of sectional meetings

November, 30 (Thursday)

- 10:00 – Sectional meetings
- 13:00 – Lunch
- 14:00 – Continuation of sectional meetings
- 16:00 – Expositional program, continuation of sectional meetings

December, 1 (Friday)

- 10:00 – Sectional meetings
- 14:00 – Lunch
- 15:00 – Second plenary meeting. Conference resolution adoption and closing

Duration of performances:

Plenary meetings – up to 15 min.
Sectional meetings – up to 10 min.

CONTACTS

Secretary of the 1 st section:	Andropova Olha,	ph.: +38 (068) 322-93-18.
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For general organizational matters, please call:
+38 (068) 981-70-57, +38 (063) 608-19-25

www.bmc-conf.com, e-mail: info@bmc-conf.com

WORKING PROGRAMM
FIRST PLENARY MEETING
28th of November, 2017, aud. 466

- 9:00 – Participants' registration, coffee break
10:00 – Opening of the conference, first plenary meeting
13:00 – Lunch

1. Welcome speech by Chairman of the Organizing Committee, Rector of KNUCA, Prof. Kulikov P.

2. Nazarenko I. I., President of the Academy of Construction of Ukraine
CONSTRUCTION EDUCATION IN MODERN CONDITIONS

3. Skochko V. (KNUCA); Tormosov R. (All-Ukrainian Charitable Organization "Municipal Development Institute")
DEMONSTRATION MODELS AND EQUIPMENT OF NZEB HUB OF KNUCA: THEIR FEATURES AND PURPOSE

4. Ruchkivskyi V. (KNUCA)
PROTECTIVE ENGINEERING STRUCTURE UNDER CONSTRUCTION UNDERGROUND FACILITIES IN DENSELY BUILT-UP TERRITORY

5. Bilan R. (KNUCA); Priymak O. (KNUCA)
AIR-LIQUID SOLAR THERMAL COLLECTOR FOR TECHNOLOGICAL HEAT SUPPLY

6. Kobzar A. (SE "UkrNPPItsivilvod"); Pryimachenko A. (KNUCA)
RESEARCH ON RELIEF INFLUENCE ON PLANNING TERRITORY

7. Mavduck A. (KNUCA); Melnyk A. (KNUCA); Mychailovskiy D. (KNUCA)
ADVANTAGES AND STRUCTURAL FEATURES USING THE SLT-PANELS LIKE THE OUTER BEARING WALL OF THE BUILDINGS

8. Kozak Y. (KNUCA); Andropova O. (KNUCA)
GEOMETRIC CONTROL OF THE REFLECTIONS FOR ENHANCING OF THE LIGHTING AND ACOUSTIC MODE OF BUILDINGS

9. Oliinyk O., Product & Quality Manager (PLC Wienerberger)
ENERGY-EFFICIENT SOLUTIONS WITH WALL CERAMIC BLOCKS POROTHERM

10. Sulatskov O., Technical Consultant (LLC URSA)
INSTALLATION OF INSULATION SYSTEMS FOR SLOPING ROOFS OF FRAMED WALL CONSTRUCTIONS

SECTION 1.

Architecture and Design

28th of November, 2017, aud. 101 (Faculty of Architecture)

14:30 – Sectional meeting

16:00 – Expositional program, continuation of sectional meetings

1. Maslova S., Senior Lecturer (PNTU by Yuri Kondratyuk); Patenko Yu., PhD (PNTU by Yuri Kondratyuk)

WAYS OF USE OF NATURAL FORMS IN ARCHITECTURE

2. Potselueva N., Postgraduate (PJSC «KYIVZNIIEP»)

THE CHARACTERISATION OF FUNCTIONAL STRUCTURE OF THE TREATMENT SECTION OF ADDICTS REHABILITATION CENTERS

3. Zubrichev O., PhD, Senior Lecturer (PNTU by Yuri Kondratyuk); Maslova S., Senior Lecturer (PNTU by Yuri Kondratyuk)

MODERN PROBLEMS OF DEVELOPMENT OF RECREATIONAL AND ENTERTAINMENT PARKS

4. Zakharchenko A., Student (NAU); Agieieva G., PhD, Senior Researcher (NAU)

OBJECTS OF CONTROL BY AIR MOVE -
ALTITUDE ACCENTS OF ARCHITECTURE OF AIRPORTS

5. Yanushkevich E., Student (NAU); Agieieva G., PhD, Senior Researcher (NAU)

PASSENGER TERMINAL ARCHITECTURE:
UTILIZING NATIONAL CULTURAL AND EVERYDAY LIFE ELEMENTS

6. Kopilkovska O., bachelor (NAU); Agieieva G., PhD, Senior Researcher (NAU)

ARCHITECTURE OF THE AIRPORT HOTEL – A DISTINCTIVE BUSINESS CARD OF THE KHERSON REGION

7. Shebek N., Doctor of Architecture, Professor (KNUCA); Breus A., Student (KNUCA)

THE INTERNALLY DISPLACED PERSONS HOUSING EXPERIENCE

8. Kostiuk O., PhD, Senior Lecturer (KNUCA)

DESIGN TENDENCY OF RESIDENTIAL SPACE 2017-2018

9. Bosniuk D., Student (NAU); Agieieva G., PhD, Senior Researcher (NAU)

FORMATION OF HOUSING STOCK FOR MILITARY WORKERS

10. Kostianetska D., Student (NAU); Agieieva G., PhD, Senior Researcher (NAU)

CARGO AVIATION COMPLEX AS A BASIS FOR THE ESTABLISHMENT OF A INTERNATIONAL AIRPORT

SECTION 2.

Urban planning and land use planning

28th of November, 2017, aud. 348

14:30 – Sectional meeting

16:00 – Expositional program, continuation of sectional meetings

1. Osetrin N., PhD, Professor (KNUCA); Selezneva E., Director (JSC «FC «Euroalternative»)

DEVELOPING A GROUP RELEVANT INDICATORS THAT CAN BE CONDITIONALLY MONITORED FOR METHODOLOGY TECHNO-ECONOMIC ASSESSMENT OF PROJECT SOLUTIONS OF CROSSINGS OF CITY HIGHWAYS

2. Smilka V., PhD (DUDA KCSCA); Kovalska G., PhD, Professor (KNUCA)
PROBLEMS OF URBAN DEVELOPMENT

3. Danko K., Assistant (PNTU by Yuri Kondratyuk)

SUSTAINABLE DEVELOPMENT OF CITY AND ENERGY SAVINGS IN MODERN TOWN-PLANNING

4. Lyashchenko A., Doctor of Sciences, Professor (KNUCA); Radchenko S., Student (KNUCA)

USE OF DIGITAL PHOTOGRAMMETRY FOR MODELLING AND STUDYING OF ANCIENT TOOLS

5. Reukha Y., Postgraduate (KNUCA); Pryimachenko O., PhD, Associate Professor (KNUCA)

ESTIMATION OF THE TERRITORY DEPENDING ON THE STEEPNESS OF THE RELIEF

6. Hutsul T., Assistant (ChNU)

GEOINFORMATION MULTI-AGENT OPTIMIZATION OF TRAFFIC FLOW PLANNING OF THE ROAD NETWORK

7. Osyetrin M., PhD, Professor (KNUCA); Dvorko O., Postgraduate (KNUCA)

PRINCIPLES AND METHODS OF FUNCTIONAL DESIGN SOLUTIONS SIMPLE (UNREGULATED) INTERSECTIONS ON THE ROAD-STREET NETWORK OF THE CITY (EXAMPLE OF KYIV)

8. Maksymova Yu., Postgraduate (KNUCA)

REALIZATION OF AUTOMATED PREPARATION SYSTEM OF SETTLEMENTS MASTER PLANS GEOSPATIAL PROFILE DATA SETS

9. Petrunia O., Assistant (KNUCA)

WAYS OF CONSIDERING TRADITIONS WHEN FORMING THE SYSTEM OF MAINTENANCE IN UKRAINE

SECTION 3.

Construction, materials and design technology of building production

28th of November, 2017, aud. 102 (main building)

14:30 – Sectional meeting

16:00 – Expositional program, continuation of sectional meetings

1. Nuzhnyy V., Assistant (KNUCA); Chebanov T., Postgraduate (KNUCA); Tarambula S., Student (KNUCA); Pidlisny J., Student (KNUCA)

FEATURES OF THE DESIGN AND INSTALLATION OF MODERN FILM GREENHOUSES

2. Hovdun Y., Postgraduate (KNUCA)

STUDY ON SULPHATE RESISTANCE OF CONCRETES IN THE INITIAL STAGES OF SILVER

3. Klimchuk M., PhD, Associate Professor (KNUCA)

SYNCRETING «GREEN LEASE» AND «SURVEING» CONCEPT IN MANAGEMENT ENERGY-SAVING ON THE CONSTRUCTION ENTERPRISES

4. Zabarylo A., PhD, Associate Professor (KNUCA); Korotkikh Y., Assistant (KNUCA)

AXISYMMETRIC FREE VIBRATIONS OF CYLINDRICAL SHELLS FROM FUNCTIONALLY GRADIENT MATERIALS

5. Kotenko K., (KNUCA); Tkachenko I., Deputy General Director ("International Exhibition Center")

THEORETICAL EXPERIMENTAL DYNAMIC MONITORING THE TECHNICAL CONDITION OF LARGE-SCALE BUILDING STRUCTURES

6. Bajzova L., Postgraduate (UNFU)

INFLUENCE OF TEMPERATURE AND TIME OF PRESSING ON THE PROPERTIES OF LIGHTWEIGHT PARTICLEBOARD MADE USING EXPANDED POLYSTYRENE

7. Mikhailovskyi D., PhD, Associate Professor (KNUCA); Kazachonok Y., Student (KNUCA); Okhrimenko B., Student (KNUCA)

STRESS-STRAIN STATE OF DIAGRID WITH ELEMENTS FROM LAMINATED TIMBER

8. Barabash M., Doctor of Technical Sciences, Senior Researcher (NAU); Bashynskyi O., Student (NAU)

ORGANIZATION OF TECHNOLOGY OF INTEGRATION OF SOFT COMPLEXES IN AIRPORT DESIGN

9. Kuzminec M., Doctor of Technical Sciences, Professor (NTU); Nedbailo O., PhD, Senior scientist (SE "EC "Drying""); Chernyshyn O., Director (SE "EC "Drying"")

FEATURES OF DRYING OF INDIVIDUAL FORMS OF BENTONITE CLAY

10. Chebanov T., Postgraduate (KNUCA); Khokhachov M., Student (KNUCA); Dguhan M., Student (KNUCA)

DISASSEMBLY AND INSTALLATION TECHNOLOGY OF FENCE ELEMENTS OF FILM GREENHOUSES

11. Kozak R., PhD, Associate Professor (UNFU)

ANALYSIS OF PRESSING TIME OF PARTICLE BOARDS BASED ON WOOD AND STRAW PARTICLES

12. Hryshai Y., Student (KNUCA); Pidlutskyi V., PhD, Associate Professor (KNUCA)

INVESTIGATION OF THE CHANGE IN BEARING CAPACITY OF PILES DEPENDING ON THEIR LENGTH

13. Bilyk S., Student (KNUCA); Bozhynskyi M., Master (NDIBV); Koliakova V., PhD, Associate Professor (KNUCA)

DURABILITY OF MONOLITHIC REINFORCED CONCRETE WALLS WITH HIGH TEMPERATURE INFLUENCE

14. Nikolainko M., Student (KNUCA); Obremsky D., Student (KNUCA); Konstantynovskyi O., PhD, Associate Professor (KNUCA)

EFFICIENCY OF REDISPERSIBLE POWDERS IN DRY MIXES FOR ANCHORING APPLICATION BASED ON ALKALI-ACTIVATED PORTLAND CEMENT

15. Kovalchuk A., Student, (KNUCA); Konstantynovskyi O., PhD, Associate Professor (KNUCA); Rudenko I., PhD, Senior Researcher (V.D. Glukhovsky Scientific Research Institute for Binders and Materials KNUCA)

ALUMINUM POWDER IN DRY MIXES FOR ANCHORING APPLICATION BASED ON ALKALI-ACTIVATED PORTLAND CEMENT

SECTION 4.

Engineering systems, automated systems and environmental aspects of construction

28th of November, 2017, aud. 150

14:30 – Sectional meeting

16:00 – Expository program, continuation of sectional meetings

1. Chumak S., Student (KNUCA); Stepova N., PhD, Senior Researcher (Institute of Hydromechanics of NASU); Kushka O., PhD, Associate Professor (KNUCA)

TO THE CALCULATION OF WATER SUPPLY AND SEWERAGE SYSTEMS IN A BUILDING

2. Sakharov V., Student, (University of Zielona Góra (Poland)); Korotyeyev I., Dr. hab inż, prof., (University of Zielona Góra (Poland))

SOFTWARE IMPLEMENTATION OF MULTICHANNEL DATA LOGGING SYSTEM BASED ON HIGH-PRECISION ADC.

3. Rybachov S., Assistant (KNUCA)

INVESTIGATION OF DEVICES OF THE AIR-CURRENT OPENING OF OPEN SURFACE OF LARGE-BASED BODIES WITH THE CFD MODELING METHOD

4. Barma D., Student (KNUCA); Kolchyk Y., PhD (KNUCA)

FEATURES OF "CLEAN ROOM" VENTILATION

5. Orel V., PhD, Associate Professor (LPNU); Verbovskiy O., PhD, Associate Professor(LPNU); Bodnar T., Student (LPNU)

INFLUENCE OF THE QUANTITY OF PUMPINGS OF GEAR PUMP ON THE DOSAGE OF HYDRODYNAMIC ACTIVE POLYMERS

6. Predun K., PhD, Associate Professor (KNUCA); Shevchuk O., Senior Researcher (KNUCA)

SCIENTIFIC AND PRECONDENT BASES OF ECOLOGIZATION OF INFRASTRUCTURAL PROJECTS OF HEAT AND GAS SUPPLY

7. Kulinko Ye., Postgraduate (KNUCA); Vakulenko D., Student (KNUCA); Ignatenko I., Student (KNUCA); Kolchyk Y., PhD, Associate Professor (KNUCA)

SOIL PARAMETERS EFFECT ON THE EFFICIENCY OF GEOTHERMAL PUMPS PERFORMANCE

8. Golenkov G., PhD, Associate Professor (KNUCA); Abbasian Mohsen., PhD, Assistant (KNUCA)

SUBSTITUTION SCHEME OF THE COAXIAL LINEAR MOTORS WITH AXIAL AND RADIAL MAGNETIZATION VECTOR OF PERMANENT MAGNETS

9. Golenkov G., PhD, Associate Professor (KNUCA); Abbasian Mohsen., PhD, Assistant (KNUCA)

MODELING WORK COAXIAL – LINEAR MOTORS WITH AXIAL AND RADIAL DIRECTION OF MAGNETIZATION PERMANENT MAGNETS IN DYNAMIC MODE

10. Kropyvka Ya., Student (KNUCA); Kotovenko O., PhD, Associate Professor (KNUCA); Miroshnychenko O., Senior Lecturer (KNUCA)

MIGRATION EFFECTS OF POLLUTANTS FROM SOLID HOUSEHOLD WASTE LANDFILL №5 IN THE ATMOSPHERE

SECTION 5.

Construction vehicles and equipment

28th of November, 2017, aud. 207

14:30 – Sectional meeting

16:00 – Expositional program, continuation of sectional meetings

1. Mischuk D., PhD, Associate Professor (KNUCA); Balaka M., Assistant (KNUCA); Hodnevich M., Student (KNUCA)

EARTHMOVING-MANIPULATION EQUIPMENT BASED THE SINGLE-BUCKET EXCAVATOR

3. Mischuk D., PhD, Associate Professor (KNUCA)

THE DYNAMICS OF THE MANIPULATOR STUDY IN A PLANE GIVEN ITS ELASTIC PROP

4. Loveikin V., PhD, Professor (NULES of Ukraine); Romasevych Iu., PhD, Associate Professor (NULES of Ukraine); Stehno O., Postgraduate (NULES of Ukraine)

IMPROVEMENT OF A TOWER CRANE JIBBING MECHANISM

5. Loveikin V., PhD, Professor (NULES of Ukraine); Romasevych Iu., Ph D, Associate Professor (NULES of Ukraine); Goldun V., Engineer (NULES of Ukraine)

SOFTWARE FOR OPTIMAL MOVEMENT OF THE LOAD LIFTING MECHANISM

6. Loveykin V., PhD, Professor (NULES of Ukraine); Kadykalo I., Postgraduate (NULES of Ukraine)

OPTIMIZATION OF THE STARTING MODE OF THE JIB-CRANE SLEWING MECHANISM UPON CRITERION OF THE ROOT-MEAN-SQUARE VALUE OF THE ELASTIC TORQUE IN THE DRIVE

7. Fomin A., PhD, Professor (KNUCA); Ovsyichyk E., Student (KNUCA)

RIPPER WITH A STABLE WORK MODE

8. Balaka M., Assistant lecturer (KNUCA); Zozulya E., Student (KNUCA)

EXCAVATOR WITH ACTIVE WORKING ELEMENT

9. Arshukov A., Student (KNUCA); Volianiuk V., PhD, Associate Professor (KNUCA)

EXCAVATOR BUCKET WITH ACTIVE TEETH

10. Lobkov Y., Senior Lecturer (KNUCA); Korotkov Y., Student (KNUCA)

THE CHOICE OF MATERIALS FOR WEAR RESISTANCE SURFACING MACHINE PARTS WITH SHOCK-ABRASIVE WEAR

SECTION 6.

Organization, economics and management in construction

28th of November, 2017, aud. 503

14:30 – Sectional meeting

16:00 – Expositional program, continuation of sectional meetings

1. Sapiga P., Postgraduate (KNUCA)

ANALYSIS OF COMPETITIVE STRATEGIES BY CLASSIFICATION

2. Demidova O., PhD, Associate Professor (KNUCA); Novak E., Postgraduate (KNUCA)

PROBLEMS OF MODERN INSTABILITY OF THE INDUSTRIAL BUILDING ENTERPRISES 'FUNCTIONING

3. Krikun K., PhD, Associate Professor (KNUCA); Zapechna Yu., PhD, Associate Professor (KNUCA); Oliferuk S., Senior Lecturer (KNUCA); Ryazanov A., Postgraduate (KNUCA)

ECONOMIC MECHANISMS OF CALCULATING THE EXPENSES AS A MEANS OF PROVIDING EARNINGS

4. Kolot M.(KNUCA); Panasyuk I.(KNUCA); Zeltser R., PhD, Professor (KNUCA)

ORGANIZATION OF CONTROL OF CONSTRUCTION PROJECTS WITH USE OF DRONES AND CLOUD TECHNOLOGIES

5. Savenko V., PhD, Doctor of Sciences, Associate Professor (KNUCA); Palchik S., Postgraduate (KNUCA); Klueva V., Assistant (KNUCA); Koval L., Assistant (LNULP)

PERSPECTIVES FOR EFFICIENT DEVELOPMENT OF BUILDING ORGANIZATION

6. Balichev O., Postgraduate (KNUCA)

UPGRADE OF METHODOLOGICAL APPROACHES AND SOFTWARE PRODUCTS ON DIAGNOSTICS AND REGULATION OF BUSINESS PROCESSES OF BUILDING ENTERPRISES

7. Gergi D., Postgraduate (KNUCA)

DISPLAY OF ADAPTOGENIC PROPERTIES OF THE MICRO-CEREDOSIS OF THE CONSTRUCTION PROJECT IN ANALYTICAL TOOLS IN ITS ECONOMIC DIAGNOSIS

8. Nikiforov A., Postgraduate (OSACIaA)

IMPROVEMENT OF CONSTRUCTION ENTERPRISES MANAGEMENT METHODS BY INFORMATION TECHNOLOGIES

SECTION 7.

Information Technology

28th of November, 2017, aud. 347

14:30 – Sectional meeting

16:00 – Expositional program, continuation of sectional meetings

1. Kushka M., Student, (NTUU «Igor Sikorsky KPI»); Kushka O., PhD, Associate Professor (KNUCA)

MACHINE LEARNING APPLICATION TO THE CALCULATION OF WATER SUPPLY SYSTEMS IN A BUILDING

2. Gorda E., PhD, Associate Professor (KNUCA)

ADAPTIVE DETERMINATION OF LOCAL SYMBOLS ON THE IMAGE OF A DEFECT OF THE "CRACK" TYPE

3. Gorda E., PhD, Associate Professor (KNUCA); Fokin V., Student (KNUCA)

CONSTRUCTION OF DIVERSITY OF PROBLEMS OF IMITATION MODELING OF VIBRO GRAPHOT

4. Mikhaylenko V., PhD, Professor (KNUCA); Tereikovska L., PhD, Associate Professor (KNUCA)

ENCODING THE OUTPUT SIGNAL OF THE CONVOLUTIONAL NEURAL NETWORK INTENDED TO RECOGNIZE HANDWRITTEN SYMBOLS

5. Tereykovsky I., PhD, Associate Professor (NTUU "Igor Sikorsky KPI"); Radchenko K., Assistant (NTUU "Igor Sikorsky KPI")

APPLICATION OF KOHONEN MAP FOR SPAM DETECTION

6. Borodavka Y., Doctor of Sciences, Associate Professor (KNUCA); Kvasnevskyi V., Postgraduate (KNUCA)

INFORMATION MODEL OF THE ALLPLAN AND THE MICROSOFT PROJECT INTEGRATION

7. Barma D., Student (KNUCA); Kolchyk Yu., PhD (KNUCA)

REVIEW OF APPROACHES AND REALIZATIONS FOR THE DETERMINATION OF THE TEXT SENTIMENT ANALYSIS

8. Kozak Y., Student (KNUCA); Korchova G., PhD, Associate Professor (KNUCA)

THE MODERN STATE OF DEVELOPMENT OF ACADEMIC MOBILITY OF STUDENTS OF THE KYIV NATIONAL UNIVERSITY OF CONSTRUCTION AND ARCHITECTURE

SECTION 8.

Historical, socio-cultural, political, legal and philosophical aspects of architecture and construction development

28th of November, 2017, aud. 116

14:30 – Sectional meeting

16:00 – Expositional program, continuation of sectional meetings

1. Stryzhak I., Student (KNUCA); Shalko V., Student (KNUCA); Romaniyk A., Student (KNUCA); Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA)

ARCHITECTURAL ENSEMBLE OF ODESSA: HISTORIC GROWTH

2. Yaroshchuk I., PhD, Associate Professor (KNUCA); Kovalenko T., Student (KNUCA)

TERMS AND METHODS OF LEGALIZATION OF AN UNAUTHORIZED CONSTRUCTION IN UKRAINE

3. Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA); Vinnichenko K., Student (KNUCA)

DEVELOPMENT OF THE ROMANIAN MINORITY IN THE TERRITORY OF UKRAINE 1991-2017

4. Bondarenko O., Student (KNUCA); Yaroshchuk I., PhD, Associate Professor (KNUCA)

PROSPECTS FOR THE TRAINING OF JURIST IN CONSTRUCTION INDUSTRY

5. Kotsar Y., Student (KNUCA); Tishenko O., Student (KNUCA); Korchova G., PhD, Associate Professor (KNUCA)

IMPLEMENTATION OF THE METHOD OF PROJECTS IN THE EDUCATIONAL PROCESS OF MODERN EXERCISE

6. Konovalov B., Student (KNUCA); Avdeenko O., PhD, Associate Professor (KNUCA)

GLOBALISATION AS A FACTOR OF SOCIAL DEVELOPMENT

7. Korotkov Y., Student (KNUCA); Krasilnik Y., PhD, Associate Professor (KNUCA)

ECOLOGICAL EDUCATION OF STUDENTS IN HIGHER EDUCATIONAL ESTABLISHMENTS OF CONSTRUCTION PROFILE

8. Kaydanovska O., Doctor of Ped. Sciences, Associate Professor (NULP); Lysiak H., Student (NULP)

SCIENTIFIC RESEARCH OF MASTER ARCHITECTURE

9. Sperech M., Student (KNUCA); Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA)

IMPACT OF SOCIO-ECONOMIC SITUATION IN UKRAINE ON THE DEVELOPMENT OF ARCHITECTURE OF THE 16TH-17TH CENTURIES

10. Holubtsov V., Student (KNUCA); Korchova G., PhD, Associate Professor (KNUCA)

FROM THE EXPERIENCE OF EDUCATION BYPROGRAM OF ACADEMIC MOBILITY "ERASMUS +" OF STUDENTS FROM KYIV NATIONAL UNIVERSITY OF BUILDING AND ARCHITECTURE

SECTION 1.

Architecture and Design

29th of November, 2017, aud. 101 (Faculty of Architecture)

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 17:00 – Expository program, continuation of sectional meetings

1. Shebek N., Doctor of Architecture, Professor (KNUCA); Novosad K., Student (KNUCA)

PROBLEMS OF FORMING ARCHITECTURAL ENVIRONMENT OF SPORT-REHABILITATION COMPLEXES

2. Klimchuk M., Student (KNUCA); Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA)

UKRAINIAN CLASSICISM IN THE ARCHITECTURE OF KYIV IN THE 19TH CENTURY

3. Shebek N., Doctor of Architecture, Professor (KNUCA); Barandich Y., Student (KNUCA)

TECHNOPOLIS DESIGNING EXPERIENCE

4. Shebek N., Doctor of Architecture, Professor (KNUCA); Prykhodko Y., Student (KNUCA)

FEATURES OF URBAN DEVELOPMENT IN UKRAINIAN CARPATHIANS

5. Ishchenko I., Postgraduate (KNUCA); Knysh V., PhD, Associate Professor (KNUCA)

SCIENTIFIC RATIONALE: DESIGN OF HABITATION FOR URGENT ACCOMMODATION UNDER UKRAINE CONDITIONS

6. Senchenko V., Student (KNUCA); Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA)

DESIATYNNA CHURCH: THE BUILDING AND RECONSTRUCTION HISTORY

7. Bondarchuk A., Postgraduate (KNUCA)

INNOVATIVE AND INDUSTRIAL INFRASTRUCTURES CLASSIFICATION AND THEIR MAIN DISTINCTIONS

8. Halaburda L., Student (KNUCA); Shchurova V., PhD, Associate Professor (KNUCA)

INFLUENCE OF ENERGY EFFICIENCY ON THE FORMATION OF ARCHITECTURAL ENVIRONMENT OF HIGH OFFICE BUILDINGS

9. Kukharchuk A., Student (KNUCA); Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA)

FEATURES OF TRYPILLIAN ARCHITECTURE

10. Smirnova A., Student (KNUCA); Bulakh I., PhD (KNUCA)

PSYCHOPHYSIOLOGICAL FEATURES OF THE ORGANIZATION OF THE ARCHITECTURAL ENVIRONMENT OF REHABILITATION CENTERS FOR PEOPLE WITH VISUAL IMPAIRMENTS

11. Razumnaya T., Student (KNUCA); Shchurova V., PhD, Associate Professor (KNUCA)

ERGONOMIC PRINCIPLES OF THE FORMATION OF THE SUBJECT ENVIRONMENT OF THE INTERIORS OF EDUCATIONAL INSTITUTIONS, ON THE EXAMPLE OF A SCHOOL IN THE CITY OF KYIV

12. Didichenko M., Postgraduate (KNUCA)

METHOD OF THE DETERMINATION OF COMPOSITIONAL CHARACTERISTICS OF PROJECTED ARCHITECTURAL ELEMENTS IN THE HISTORICAL CITY STRUCTURES

13. Shchurova V., PhD, Associate Professor (KNUCA); Buchatska V., Student (KNUCA)

MODERN TRENDS IN THE FORMATION OF HIPPOThERAPY COMPLEXES

14. Demchenko V., bachelor (KNUCA); Shchurova V., PhD, Associate Professor (KNUCA)

ARCHITECTURAL AND CITY CONSTRUCTION CONDITIONS OF INDUSTRIAL COMPLEX RENOVATION

15. Bachynska O., Senior Lecturer (KNUCA)

FEATURES OF BUILDING OF HISTORICAL KYIV

16. Spasichenko K., Student (NAU); Agieieva G., PhD, Senior Researcher (NAU)

CREATING HOLIDAY TIME USE

17. Frolov A., Assistant Professor (KNUCA)

ARCHITECTURAL MORPHOGENESIS AUTOMATION USING TOOLS AND TECHNIQUES OF PARAMETRIC 3D MODELING

18. Kirichenko I., Dean of the Faculty of Fine Arts, Associate Professor (National Academy of Fine Arts and Architecture); Novikova Z., Student (National Academy of Fine Arts and Architecture)

GRAPHICS AS A TYPE OF FINE ART

SECTION 2.
Urban planning and land use planning
29th of November, 2017, aud. 348

- 10:00 – Sectional meeting
13:00 – Lunch
14:00 – Continuation of sectional meeting
16:00 – Expository program, continuation of sectional meetings

1. Kostianetska D., Student (NAU); Kukharchuk P., Student (NAU); Agieieva G., PhD, Senior Researcher (NAU)

URBAN AND ARCHITECTURAL PRACTICE OF MAKING MILITARY OBJECTS

2. Pryimachenko O., PhD, Associate Professor (KNUCA); Yurkovets O., Postgraduate (KNUCA)

THE CONDITION OF ARTIFICIAL WATERS` COASTAL ZONES

3. Bobro O., Student (KNUCA); Aylikova H., PhD, Associate Professor (KNUCA)
RESEARCH THE DEVELOPMENT OF SMALL MONOFUNCTIONAL SMALL TOWNS IN THE EXAMPLE OF KANIV(UKRAINE) AND SANDOMIR (POLAND)

4. Holubenko K., Student (KNUCA); Horkovchuk J., PhD, Associate Professor (KNUCA)

PROJECT OF CREATION GIS OF THE NATIONAL PARK "GOLOSEEVSKY"

5. Gamalya A., Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)

FEATURES OF THE LANDSCAPE PLANNING ORGANIZATION OF THE TERRITORIES OF THE NATURAL RESERVE FUND

6. Bugaienko O., Assistant (KNUCA)

THE PRECONDITIONS FOR RURAL HOUSEHOLDS LAND TENURE IMPROVEMENT IN UKRAINE

7. Mizina M., Student (KNUCA); Gorkovchyk Yu., PhD, Associate Professor (KNUCA)

GIS MODELING OF THE CRIME SITUATION IN KYIV

8. Volkova A., Student (NAU); Agieieva G., PhD, Senior Researcher (NAU)

REORGANIZATION OF PLANNING SOLUTIONS FOR RAILWAY STATION SQUAERS AFTER AIRPORTSRECONSTRUCTION

9. Halius I., Student (KNUCA); Lazorenko-Hevel N., PhD, Associate Professor (KNUCA)

GEOSPATIAL DATABASE PROJECT OF BUILDINGS AND STRUCTURES AS A COMPONENT OF DIGITAL TOPOGRAPHIC BASIS

10. Bakun K., Postgraduate (KNUCA)

GEOMETRY OF ROOFS, AS THE BASIS FOR USE ITS POTENTIAL

11. Lyashchenko A., Doctor of Sciences, Professor (KNUCA); Blonska T., Student (KNUCA)

GEOINFORMATION MODELLING OF SHATSKY NATIONAL NATURAL PARK RECREATION POTENTIAL

12. Polosych D., Student (KNUCA)

MODERN TRENDS OF LANDSCAPE PLANNING ORGANIZATION BASIS OF REST FOR YOUNG PEOPLE
(AT THE EXAMPLE OF THE BASIS KNUCA IN THE KIEV REGION)

13. Zubok O., Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)

PLANNING AND DEVELOPMENT OF PUBLIC SPACES BASED ON THE KEY PRINCIPLES OF A LANDSCAPE ORGANIZATION ON THE EXAMPLE OF THE CITY OF RIVNE

14. Kontsevych S., Student (KNUCA)

PRESERVATION OF THE TRADITIONAL CHARACTER OF THE HISTORICAL ENVIRONMENT OF CITIES IN THE IMPLEMENTATION OF CITY-BUILDING TRANSFORMATIONS

15. Mykhalova M., PhD, Associate Professor (KNUCA)

TECHNOLOGY OF URBAN NEEDS PROVIDING BY LAND RESOURCES

16. Oberemok O., Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)

MEASURES FOR THE CLEANING AND PROFESSIONALITY OF THE PROTECTION TERRITORY OF OSTASHIVSKIY POND IN UMAN

17. Domkin P., PhD, Associate Professor (KNUCA); Fedorenko D., Student (KNUCA)

CHRONICLES-IMPORTANT VALUE IS FOR STUDY OF ANNALISTIC TRIBES

18. Mykhalova M., PhD, Associate Professor (KNUCA); Zhaivoronok Yu., Student (KNUCA)

FORECASTS OF CHANGES IN AGRICULTURAL LAND VALUE

SECTION 3.

Construction, materials and design technology of building production

29th of November, 2017, aud. 102 (main building)

- 10:00 – Sectional meeting
13:00 – Lunch
14:00 – Continuation of sectional meeting
16:00 – Expositional program, continuation of sectional meetings

1. Pushkarova K., PhD, Professor (KNUCA); Kaverin K., Assistant (KNUCA); Kalantaevskiy D., Student (KNUCA)

INFLUENCE OF FINE SILICEOUS ADDITIVE ON OPERATING PROPERTIES OF DIFFUSIONAL CONCRETES

2. Bezsmertnyi M., PhD, Professor (KNUCA); Chernikova S., PhD, Senior Researcher (Industrial College KNUCA); Gorbachenko O., Student (Industrial College KNUCA); Neroba I., Student (Industrial College KNUCA)

INVESTIGATION OF THE PROPERTIES OF POROUS FILLERS FROM SLAG MELTS OF THE PRODUCTION OF MANGANESE FERROALLOYS

3. Kutsik O., Postgraduate (KNUCA)

EFFICIENCY OF USING HIGH-STRENGTH CONCRETE

4. Honchar O., PhD, Associate Professor (KNUCA); Serbinenko S., Student (KNUCA)

USE OF STAINED-GLASS WINDOWS IN THE MODERN INTERIOR

5. Mykhailovskiy D., PhD, Associate Professor (KNUCA); Matiushchenko D., Senior Engineer (KNUCA)

NUMERICAL RESEARCHES EXPERIMENTAL FRAMES USING THE FINITE ELEMENTS METHOD

6. Kochevykh M., PhD, Associate Professor (KNUCA); Pilipenko V., Student (KNUCA)

FEATURES OF RECEIVING ENERGY-EFFICIENT PERLITE CONCRETE WALL BLOKS

7. Khomenko N., Postgraduate (KNUCA); Klimchuk M., PhD, Associate Professor (KNUCA)

ECOLOGICAL-SYSTEM APPROACH TO PROVIDING RESISTANT DEVELOPMENT OF CONSTRUCTION ENTERPRISES

8. Gameliak I., PhD, Professor (NTU); Paleshev O., Postgraduate (NTU); Reneiska S., Director (NPP "Dortek")

EFFICIENCY IN USE OF BITUMEN MODIFIERS AND ASPHALT FOR RECONSTRUCTION OF MAIN MOTORWAYS

9. Khokhlin D., PhD, Associate Professor (KNUCA); Shegda O., Student (KNUCA)
DEVELOPMENT OF CALCULATION PROCEDURE OF MASONRY BEARING CAPACITY IN UKRAINIAN BUILDING NORMS

10. Kovalchuk O., PhD, Senior Researcher (SRIBM, KNUCA); Pasko A., Postgraduate, Junior Researcher (SRIBM, KNUCA); Boiko O., Student (KNUCA); Ivanychko V., Student (KNUCA)
ALKALI ACTIVATED CEMENT AND CONCRETES USING RED MUD

11. Bezsmertnyi M., PhD, Professor (KNUCA); Chernikova S., PhD, s.n.s., teacher (Industrial College KNUCA); Gydkova M., Student (KNUCA); Malomuzh V., Student (Industrial College KNUCA)
INVESTIGATION OF THE OPTIMUM AMOUNT OF SILICEOUS ADDITIVES IN COMPOSITION OF THE GYPSUM CEMENT POZZOLAN BINDER

12. Maksimyyuk Y., PhD, Associate Professor (KNUCA); Tkach I., bachelor (KNUCA)
USING OF FOREIGN EXPERIENCE IN THE APPLICATION OF PENDULUM SILENCERS IN THE HIGH-RISE BUILDING IN THE SEISMIC DISTRICTS OF UKRAINE

13. Bondarenko O., PhD, Associate Professor (KNUCA); Gaidyuk V., Student (KNUCA); Sofyianyuk A., Student (KNUCA)
MODIFICATION OF SLAG PORTLAND CEMENT WITH COMPLEX ADDITIVES

14. Tymoshchuk V., Postgraduate (KNUCA)
FLAT REINFORCED CONCRETE SLABS STRENGTHENED WITH EXTERNAL STRESSED REINFORCEMENT

15. Ternovy M., Postgraduate (KNUCA)
OPTIMIZATION OF THE CONSTRUCTION MANUFACTURED STEEL CARCASSES

16. Shemiakin N., Student (KNUCA); Gorda E., PhD, Associate Professor (KNUCA)
AUTOMATED SUBSYSTEM OF THREE-DIMENSIONAL LANDSCAPE MODEL VISUALIZATION

17. Khoptii K., Student (KNUCA); Pidlutskyi V., PhD, Associate Professor (KNUCA)
THE STUDY OF STRESS-STRAIN STATE OF THE SOIL DEPENDING ON THE DEPTH OF THE PIT

18. *Mikhailovskyi D., PhD, Associate Professor (KNUCA); Knoblokh E., Student (KNUCA)*

LAMINATED VENEER LUMBER (LVL) – PERSPECTIVE AND TECHNOLOGICAL MATERIAL

19. *Nechyporenko E., Student (KNUCA); Pidlutskyi V., PhD, Associate Professor (KNUCA)*

INFLUENCE OF DEFORMATION SEAM ON INTERACTION MULTIPLE SECTION BUILDINGS FOUNDATIONS

20. *Polyak O., Postgraduate (KNUCA); Klimchuk M., PhD, Associate Professor (KNUCA)*

METHODS OF QUANTITATIVE ASSESSMENT OF DISCRIPITATIVE RISKS IN THE ECONOMIC MANAGEMENT SYSTEM BY BUILDING ENTERPRISES

21. *Pidlutskiy V., PhD, Associate Professor (KNUCA); Baklzhka O., Student (KNUCA)*

THE STRESS-STRAIN STATE OF THE PILE FOUNDATIONS OF HIGH-RISE BUILDINGS, DEPENDING ON THE CHANGE IN THE STIFFNESS OF THE FOUNDATION STRUCTURES

22. *Hlybovets N., Postgraduate (KNUCA); Klimchuk M., PhD, Associate Professor (KNUCA)*

SCIENTIFIC BASES FOR IMPROVING ECONOMIC EFFICIENCY ON ENERGY CONSERVATION OF CONSTRUCTION ENTERPRISES

23. *Valovoi O., PhD, Professor (SIHE"Kryvyi Rih National University"); Eremenko O., PhD, Associate Professor (SIHE"Kryvyi Rih National University"); Valovoi M., PhD, Associate Professor (SIHE"Kryvyi Rih National University"); Volkov S., Postgraduate (SIHE"Kryvyi Rih National University")*

DEFORMABILITY OF THE BENDING STRUCTURES REINFORCED WITH THE BASALT ARMATURE

24. *Valovoi O., PhD, Professor (SIHE"Kryvyi Rih National University"); Popruga D., PhD, Associate Professor (SIHE"Kryvyi Rih National University"); Chorna K., Postgraduate (SIHE"Kryvyi Rih National University")*

APPLICATION OF THE NON-METALLIC COMPOSITE ARMATURE

25. *Kovba V., Postgraduate (PSACEA)*

APLICATION OF THE HARDENING SOIL MODEL FOR NUMERICAL SIMULATION OF STAGED LOADING OF PLATE RAFT, NOT CONNECTED WITH THE PILE

SECTION 4.

Engineering systems, automated systems and environmental aspects of construction

29th of November, 2017, aud.150

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expositional program, continuation of sectional meetings

1. Novikov V., Postgraduate (DNTU); Tsololo S., PhD, Associate Professor (DNTU)

PLATFORM FOR HOME AUTOMATION BASED ON MICROCONTROLLER

2. Migun M., Student (KNUCA); Kotovenko O., PhD, Associate Professor (KNUCA); Kotova T., PhD, Associate Professor (KNUCA)

ONE OF THE APPROACHES TO REDUCE METHANE CONVERSION POTENTIAL HAZARD TO THE ENVIRONMENT

3. Zynych Ya., Student (KNUCA); Kotovenko O., PhD, Associate Professor (KNUCA); Miroshnychenko O., Senior Lecturer (KNUCA)

"PREDATOR-VICTIM" MODEL AS BASIS FOR RESEARCH OF THE MULTICOMPONENT DEVELOPING SYSTEMS

4. Malyshko O., Student (KNUCA); Dicteruk M., PhD, Associate Professor (KNUCA)

MOBILE CHAMBER FOR DRYING WOOD

5. Pochka O., Assistant (KNUCA)

MICROCLIMATE RESEARCH IN ORTHODOX CHURCHES

6. Vasilishin R., Student (KNUCA); Dicteruk M., PhD, Associate Professor (KNUCA)

HYDRAULIC CUTTING OF CUSTOM MATERIALS ON PORTAL QUARTERS WITH NUMERICAL SOFTWARE MANAGEMENT

7. Golenkov G., PhD, Associate Professor (KNUCA); Bohomolnyy S., Student (KNUCA)

AUTOMATIZATION OF PILE DIPPING PROCESS USING THE VIBRO-STATICAL DEVICE WHICH IS BASED ON COAXIAL-LINEAR MOTOR WITH PERMANENT MAGNETS

- 8. Klimova I., PhD, Associate Professor (KNUCA); Hodorovskaya A., Student (KNUCA)**
ANTROPOGENIC INFLUENCE ON GEOLOGICAL ENVIRONMENT ON KIEV CITY
- 9. Rudnitska O., Senior Lecturer (KNUCA); Tseluiko V., Student (KNUCA)**
APPLIANCE OF FIBER-OPTICAL TECHNOLOGIES IN DISTRIBUTED MONITORING SYSTEMS OF OBJECT OF CONSTRUCTION INFRASTRUCTURE
- 10. Nekrashevych A., Student (KNUCA); Sobolevska L., Assistant (KNUCA)**
AUTOMATED CONTROL SYSTEM "SMART CITY" (ACCIDENT RESPONSE CENTER)
- 11. Tishchuk M., Student (KNUCA); Sobolevska L., Assistant (KNUCA)**
THE HIGH PERFORMANCE HMI FOR OPERATOR GDS
- 12. Kryvoruk M., Student (KNUCA); Glamazdin P., Associate Professor(KNUCA); Kirichenko M., PhD, Associate Professor (KNUCA)**
FEATURES OF USING THE REGULATORY METHOD "THERMAL CALCULATION OF BOILER UNITS"
FOR FIRETUBE BOILERS
- 13. Kostylova O., Student (KNUCA); Sobolevska L., Assistant (KNUCA)**
AUTOMATED CONTROL SYSTEM FOR SMART HOUSE, TAKING INTO ACCOUNT THE AUTHONOMY OF THE BUILDING
- 14. Tyrkov Z., Student (KNUCA); Polegenkiy K., Student (KNUCA); Woltetrs A., Assistant (KNUCA)**
AUTOMATED RECYCLING OF PLASTIC WASTE INTO SYNTHETIC OIL
- 15. Kostikov A., Student (KNUCA); Wolters A., Assistant (KNUCA)**
USING WIRELESS SENSORS IN AUTOMATED SYSTEMS
- 16. Samylenko M., Assistant (KNUCA); Markov M., Student (KNUCA)**
WRITE OWN LIBRARY OF LANGUAGE C FOR PROGRAMMING AVR MICROCONTROLLERS
- 17. Lysak O. (IRE, NAS of Ukraine)**
ECONOMIC CHARACTERISTICS OF STORAGE HEATING SYSTEMS
- 18. Vasilenko, L., PhD, Assosiate Professor (KNUCA); Dorosh I., Student (KNUCA)**
SUSTAINABILITY OF WATER SUPPLY IN TERMS OF CLIMATE CHANGE

19. Zhukova O., PhD, Assistant Professor (KNUCA); Kokitko A., Student (KNUCA)

INFLUENCE OF CLIMATE CHANGES FOR THE WATER MODE OF RIVERS

20. Skochko V., PhD, Associate Professor (KNUCA); Mirutenko O., Student (KNUCA)

NEARLY ZERO-ENERGY BUILDINGS

SECTION 5.

Construction vehicles and equipment

29th of November, 2017, aud. 207

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expositional program, continuation of sectional meetings

1. Machyshyn G., PhD, Associate Professor (KNUCA); Ilchenko E., Student (KNUCA)

A MACHINE IS FOR FIGHT AGAINST ICE-STORM

2. Loveykin V., PhD, Professor (National University of Life and Environmental Sciences of Ukraine); Pochka K., PhD, Associate Professor (KNUCA)

REALIZATION OF THE COMBINED MODE OF THE MOVEMENT OF ROLLER FORMING INSTALLATION ON ACCELERATION OF THE FOURTH ORDER

3. Pochka K., PhD, Associate Professor (KNUCA); Gorobec A., Student (KNUCA)

RESEARCH OF OPTIMUM CONSTRUCTIVE PERIMETERS OF THE DRIVING MECHANISM OF ROLLER FORMING INSTALLATION

4. Rashkivskiy V., PhD, Associate Professor (KNUCA); Andriiaka A., Student (KNUCA)

ANALYSIS OF TRENDS IN THE DEVELOPMENT OF SNOW REMOVAL EQUIPMENT STATIC ACTION

5. Rashkivskiy V., PhD, Associate Professor (KNUCA); Bordyug R., Postgraduate (KNUCA)

ANALYSIS OF DEVELOPMENT AND INNOVATIONS OF AUTOGREIDER WORKING EQUIPMENT

6. Rashkivskiy V. PhD, Associate Professor (KNUCA); Lutsenko Y., Student (KNUCA)

FUNCTIONAL MECHANIZED MODULE FOR THE CONSTRUCTION OF BUILDINGS

7. Rashkivskiy V., PhD, Associate Professor (KNUCA); Ryzhyi A., Student (KNUCA)

ANALYSIS OF TRENDS IN THE DEVELOPMENT OF WORK EQUIPMENT FOR CLEANING SNOW-ROAD ROAD FORMATIONS

8. Pochka K., PhD, Associate Professor (KNUCA); Batrak V., Student (KNUCA)

EQUIPMENT FOR SORTING OF CONSTRUCTION MATERIALS

- 9. Pochka K., PhD, Associate Professor (KNUCA); Bokoch V., Student (KNUCA)**
IMPROVEMENT OF THE WORKING EQUIPMENT OF ONE-LADLE EXCAVATORS
- 10. Machyshyn G., PhD, Associate Professor (KNUCA); Lutenko K., Student (KNUCA)**
MACHINE FOR REPAIR OF ROAD COVERING
- 11. Tsasyuk A., Student (KNUCA); Gorbatiuk Ie., PhD, Associate Professor (KNUCA)**
ANALYSIS AND CREATION OF NEW CONSTRUCTIONS OF GRUBBERS
- 12. Machyshyn G., PhD, Associate Professor (KNUCA); Beatlyan R., Student (KNUCA)**
MACHINE FOR WORK IN WAREHOUSES
- 13. Machyshyn G., PhD, Associate Professor (KNUCA); Kovalenko V., Student (KNUCA)**
MIXTURE OF BUILD MATERIALS ON TRACTOR SHAYS
- 14. Mishchuk E., PhD, Associate Professor (KNUCA); Schevchuk S., Student (KNUCA)**
STUDY OF DYNAMIC PARAMETERS OF THE CONE CRUSHERS
- 15. Nazarenko I., Doctor of Science, Professor (KNUCA); Mishchuk E., PhD, Associate Professor (KNUCA); Kuchinsky V., Student (KNUCA)**
STUDY OF A STRESS-STRAIN STATE OF DESIGN OF THE VIBRATING JAW CRUSHER
- 16. Pechersky V., Student (KNUCA); Klymenko M., PhD, Associate Professor (KNUCA)**
RATIONAL PARAMETERS OF GRAVITY MIXERS
- 17. Yakovenko V., Doctor of Science, Professor (KNUCA); Mishchuk E., PhD, Associate Professor (KNUCA); Vasilets A., Student (KNUCA)**
SYSTEM MODELING IN THE VIBRATING TECHNOLOGY
- 18. Kosminsky I., PhD, Associate Professor (KNUCA); Melnichenko M., Student (KNUCA)**
OPTIONS FOR IMPROVEMENT OF ADDITIONAL PRESSURE DEVICE STRUCTURES EQUIPMENT OF VIBROPRESS

SECTION 6.

Organization, economics and management in construction

29th of November, 2017, aud. 503

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expositional program, continuation of sectional meetings

1. Dikiy O., Doctor of Sciences, Professor (KNUCA); Rubtsova O., PhD, Associate Professor (KNUCA)

REPRESENTATION OF TRANSFORMATION DEADLINES IN THE CONSTRUCTION ECONOMY IN UPDATING THE VIEWS ON THE CONTENT OF THE CATEGORY «COMPETITIVENESS OF THE ENTERPRISE»

2. Ryzhakov D., PhD, Associate Professor (KNUCA); Zalesko S., Postgraduate (KNUCA)

UPGRADE OF METHODOLOGICAL APPROACHES AND SOFTWARE PRODUCTS TO CHANGE STRUCTURES OF BUILDING ENTERPRISES IN THE FORMAT OF DIVERSIFICATION

3. Lugina T., Postgraduate (KNUCA)

ORGANIZATION OF RESOURCE-CALENDAR PLAN OF BUILD PROJECT IN THE FORMAT OF BUDGETING CONCEPT "RESERV PLUS"

4. Kryzhanovsky V., Postgraduate (KNUCA)

MODERNIZED SCIENTIFIC AND APPLIED INSTRUMENTATION OF ADMINISTRATION BY BUILDING PROJECTS IN THE FORMAT OF "MANAGEMENT FOR DEPENDENCES"

5. Marchuk T., PhD, Associate Professor (KNUCA); Ishchenko T., PhD, Associate Professor (KNUCA); Savchuk T., PhD, Associate Professor (KNUCA)

IMPROVEMENT OF ACCOUNTING-ANALYTICAL REPORTING OF OPERATING STRUCTURES OF CONSTRUCTION PROJECTS

6. Nekrutenko O., Postgraduate (KNUCA)

UPDATING CONTENT AND BUSINESS MODELS OF CONTINUITY OF BANKRUPTCY OF CONSTRUCTION BUILDING ENTERPRISES

7. Pokolenko V., PhD, Professor (KNUCA); Prikhodko D., PhD, Associate Professor (KNUCA); Gorbach M., PhD (KNUCA)

FUNCTIONAL-TECHNICAL AND ECONOMIC PRIORITIES FOR DETERMINING STRATEGY DIVERSIFICATION OF BUILDING ENTERPRISES

- 8. *Bondarchuk N., Postgraduate (KNUCA)***
IMPROVED SCIENTIFIC AND APPLIED APPROACH OF THE MULTICREATERAL EVALUATION AND SELECTION OF STRATEGIES FOR DIVERSIFICATION OF BUILDING ENTERPRISES
- 9. *Voloshina T., Postgraduate (KNUCA)***
MODERNIZATION OF CRITERIA-ANALYTICAL SYSTEM OF FORMALIZED ECONOMIC CONTROL OF ENTERPRISES OF CONSTRUCTION CONSTRUCTION
- 10. *Gorbach D., Postgraduate (KNUCA)***
APPLIED INSTRUMENT FOR THE RATIONALIZATION OF CURRENT, MANUFACTURING AND ADMINISTRATIVE AND MANAGEMENT EXPENSES OF STEAKHOLDERS IN BUILDINGS
- 11. *Koshelna V., Postgraduate (KNUCA)***
METHODOLOGICAL APPROACHES OF IMPLEMENTATION OF THE CONTENT OF THE "DEVELOPMENT STRATEGY" CATEGORY FOR CONSTRUCTION PROJECT EXECUTORS
- 12. *Malikhina O., PhD, Associate Professor (KNUCA)***
CONCEPTUAL TRANSFER OF THE CONDITIONS OF INVESTMENT PROVIDING CONSTRUCTION PROJECTS IN THE FORMAT OF MODERN ECONOMIC TRANSFORMATIONS
- 13. *Ruchinskaya Yu., Postgraduate (KNUCA)***
TOOL DIAGNOSTICS AND REGULATION BUSINESS PROCESSES CONSTRUCTION ENTERPRISES: TERMINOLOGICAL APPARATUS AND APPLIED ASPECTS
- 14. *Ryzhakova G., Doctor of Sciences, Professor (KNUCA)***
OPERATIONAL MONITORING OF LEADING OPERATING SUBSIDIES OF CONSTRUCTION ENTERPRISE IN THE FORMAT OF STRATEGIC DIVERSIFICATION CONCEPT
- 15. *Chuprina Yu., PhD, Associate Professor (KNUCA)***
SYSTEM-METHODOLOGICAL BASES OF FORMING STRATEGY OF CONSTRUCTION ENTERPRISE IN THE CONTEXT OF RESOURCE-IMAGE PROCESSING AND BEHAVIOR APPROACHES
- 16. *Trach R., PhD,, Doctoral Student (KNUCA)***
ADAPTATION OF ANALYTICAL TOOLS TO CONTENT OF ECONOMIC DIAGNOSTICS OF CONSTRUCTION INVESTMENT PROJECT

17. Koval T., Postgraduate (KNUCA)

BUILDING OF MULTICOMPONENT ACCOUNTING AND ANALYTICAL
TOOLS STRUCTURE OF CONSTRUCTION ENTERPRISES

18. Vikstrem V., Postgraduate (KNUCA); Vorobei K., Postgraduate (KNUCA)

BACKGROUND OF IMPLEMENTATION OF ENVIRONMENTAL
CONDITIONS TO THE COMPOSITION OF ORGANIZATIONAL AND
TECHNOLOGICAL CONSTRUCTION INSTRUMENTATION

SECTION 7.
Information Technology
29th of November, 2017, aud. 347

- 10:00 – Sectional meeting
13:00 – Lunch
14:00 – Continuation of sectional meeting
16:00 – Expository program, continuation of sectional meetings

1. *Lysak O., Student (KNUCA); Aznaurian I., Associate Professor (KNUCA)*
QUANTUM COMPUTER AND SCHREDINGER'S CAT
2. *Fichuk E., Student (KNUCA); Izmailova O., PhD, Associate Professor (KNUCA)*
INFORMATION TECHNOLOGY OF RECRUITMENT
3. *Shabala Ye.; Latanskaya A.*
FIRST CYBERSECURITY STRATEGY OF UKRAINE
4. *Kurball A., Student (KNUCA); Izmailova O., PhD, Associate Professor (KNUCA)*
ANALYSIS OF THE MOST FAMOUS METHODS AND PROGRAMS OF HACKING SITES IN 2017.
5. *Tsiutsiura M., PhD, Associate Professor (KNUCA); Yerukaiev A., Assistant (KNUCA)*
REASONING OF THE UPHOLSTERED MODEL OF ASSESSMENT OF FACTORS INFLUENCE ON LAND FACILITIES
6. *Domanetska I., PhD, Associate Professor (Taras Shevchenko National University of Kyiv); Khrolenko Ya., Student (NTUU “Igor Sikorsky KPI”)*
ECOIMPACT PROJECT IS A SYMBIOSIS OF MODERN TECHNOLOGIES OF EDUCATION AND INTERNET OF THINGS FOR HYDROMETEOROLOGY
7. *Izmailova O., Doctor of Sciences (KNUCA); Kostenko A., Student (KNUCA)*
THE PROTOTYPE OF THE TECHNOLOGY OF VARIATIONAL FORECASTING OF OPERATION COSTS IN THE SYSTEM OF PRICING AND VALUATION IN CONSTRUCTION
8. *Klyatchenko Y., PhD, Associate Professor (NTUU “Igor Sikorsky KPI”); Tarasenko V., Doctor of Sciences, Associate Professor (NTUU “Igor Sikorsky KPI”); Tarasenko-Klyatchenko O., PhD, Associate Professor (NTUU “Igor Sikorsky KPI”); Teslenko A., Associate Professor (NTUU “Igor Sikorsky KPI”)*
PROBABILITY EVALUATING OF COMPUTER DEVICES CORRECT OPERATION WITH AUTOCORRECTION ACCOUNTING

- 9. Biesiedina A., Student (KNUCA); Horda O., PhD, Associate Professor (KNUCA)**
DEVELOPMENT A SUBSYSTEM OF AUTOMATION OF THE
CONSTRUCTION PROJECT BASED ON SCRUM METHODOLOGY
- 10. Nesteruk H., Student (KNUCA); Gorda E., PhD, Associate Professor (KNUCA)**
INFORMATION LOGISTIC SYSTEM AS A MANUFACTURER OF
EFFICIENT MANAGEMENT CONSTRUCTION PROCESS
- 11. Golenkov V., Assistant (KNUCA)**
MATHEMATICAL MODELING OF THE TWO-SECTION ELASTIC LINK
MANIPULATORS' DYNAMICS WITH WEIGHT ON THE END
- 12. Zgurska V., PhD, Associate Professor (KNUCA); Korshykova A., Student (KNUCA);**
- 13. Begus V., Student (KNUCA)**
GEOGRAPHIC INFORMATION SYSTEMS AS AN INSTRUMENT OF
MODERN POLICY
- 14. Kotetunov V., PhD, Associate Professor (KNUCA)**
MINIMUM VIABLE PRODUCT (MVP)
- 15. Kotetunov V., PhD, Associate Professor (KNUCA); Boiko O., Student (KNUCA)**
IMPORTANCE OF CREATING COMPLEX SYSTEMS FOR PROTECTION
OF INFORMATION
- 16. Kotetunov V., PhD, Associate Professor (KNUCA); Dubovik I., Student (KNUCA)**
UNITY3D AS A CROSS-PLATFORM TOOL FOR THE DEVELOPER
- 17. Kyivska K., PhD, Associate Professor (KNUCA); Smychkovska A., Student (KNUCA)**
DEVELOPING EDUCATIONAL SUPPLEMENT FOR YOUNG SCHOOLS
ON THE ANDROID PLATFORM
- 18. Kyivska K., PhD, Associate Professor (KNUCA); Sliusarenko K., Student (KNUCA)**
SPECIFICATION FOR DEVELOPING ANDROID APPLICATIONS
WITH UNITY

SECTION 8.

Historical, socio-cultural, political, legal and philosophical aspects of architecture and construction development

29th of November, 2017, aud. 116

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expository program, continuation of sectional meetings

1. Kornienko S., Student (KNUCA); Stetsenko S., PhD, Associate Professor (KNUCA)

VITALI KLITSCHKO AS THE MAYOR AND POLITICAL LEADER

2. Lytvyn O., Student (KNUCA); Stetsenko S., PhD, Associate Professor (KNUCA)

POLITICAL DIMENSION OF INVESTMENT CLIMATE IN
CONSTRUCTION BUSINESS

3. Mishkina R., Student (KNUCA); Stetsenko S., PhD, Associate Professor (KNUCA)

ELECTIVE AND LEGAL SUBCULTURE OF UKRAINIAN YOUTH

4. Semylyt D., Student (KNUCA); Stetsenko S., PhD, Associate Professor (KNUCA)

POLITICAL AND LEGAL SOCIALIZATION OF YOUNG PEOPLE

5. Mihaylenko V., Student (KNUCA); Stetsenko S., PhD, Associate Professor (KNUCA)

ABOUT FEATURES OF ELECTIVE BEHAVIOUR OF UKRAINIAN
SOCIETY

6. Romanovych T., Student (KNUCA); Stetsenko S., PhD, Associate Professor (KNUCA)

FISCAL POLICY AS A FACTOR OF GOVERNMENTAL PROTECTION

7. Yakovenko V., Student (KNUCA); Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA)

THE INFLUENCE OF THE USSR ON THE FINE ARTS AND
ARCHITECTURE OF UKRAINE IN THE 20-30'S

8. Moskalenko R., Student (KNUCA); Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA)

THE PATRIOTIZM OF THE BATTLE OF KRUTY

9. Babych A., Student (KNUCA); Derevinsky V., Doctor of Historical Sciences, Professor (KNUCA)

UKRAINIAN VOLUNTEER BATTALIONS OF THE XXI CENTURY

10. Karakots D., Student (KNUCA); Torop A., PhD, Associate Professor (KNUCA)
EDUCATION AND CULTURE IN THE VILLAGE OF VYSCHYCH VERESHCHAKS IN THE DAYS OF TOTALITARIANISM

11. Guga Z., Postgraduate (KNUCA)

LEGAL PRINCIPLES OF GENDER POLITICS ARE EUROPEAN UNION

13. Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA); Krylatov S., Student (KNUCA)

DEVELOPMENT OF THE TEMPLE BUILDING OF THE UKRAINIAN DIASPORA IN CANADA

14. Atmagova T., Student (KNUCA); Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA)

UKRAINIAN REVOLUTIONS OF THE 17TH CENTURY AND THE BEGINNING OF THE 21ST CENTURY: HISTORICAL PARALLELS

15. Ovcharenko M., Student (KNUCA); Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA)

INFLUENCE OF COSSETS FOR DEVELOPMENT OF BAROQUE IN UKRAINE

16. Pasichnik A., Student (KNUCA)

THE DEPORTATION OF CRIMEAN TATARS DURING THE SECOND WORLD WAR

17. Goncharenko M., Student (KNUCA); Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA)

CULTURAL AND NATIONAL REVIVAL IN UKRAINE IN THE 19TH AND EARLY 20TH CENTURIES

18. Divnich O., Student (KNUCA); Breus B., Student (KNUCA); Kalenichenko R., PhD, Associate Professor (KNUCA)

PSYCHOLOGY IN BUILDING

19. Abakumova L., Student (KNUCA); Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA)

THE INFLUENCE OF SOCIO-ECONOMIC AND POLITICAL SITUATION IN UKRAINE ON FORMATION AND DEVELOPMENT OF ARCHITECTURE AT THE END OF THE MILLENNIUM (XX-XXI CENTURIES).

20. Koren A., Student (KNUCA); Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA)

DISPLAY OF TRYPILLIAN SYMBOLS IN UKRAINIAN ORNAMENTATION

21. Derevynskyi V., Doctor of Historical Sciences, Professor(KNUCA); Grynenko V., Student (KNUCA)

THE FALSIFICATION OF THE HISTORY OF UKRAINE AS A PART OF KIEVAN RUS IN MODERN POLITICS

22. Derevynskyi V., Doctor of Historical Sciences, Professor (KNUCA); Renska S., Student (KNUCA)

DE-COMMUNIZATION IN UKRAINE: PRECONDITIONS, CAUSES, RETALIATION

SECTION 1.

Architecture and Design

30th of November, 2017, aud. 101 (Faculty of Architecture)

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 17:00 – Expositional program, continuation of sectional meetings

1. Prokhorova A., Student (KNUCA)

FEATURES OF RECONSTRUCTIONS OF THE ARCHITECTURAL ENVIRONMENT OF AIRPORTS (AT THE EXAMPLE OF AIRPORT IN ZAPORIZHZHY)

2. Melnyk K., Student (KNUCA); Hetun H., PhD, Professor (KNUCA)

RECONSTRUCTION OF A KINDERGARTEN WITH SUPERSTRUCTURE OF FLOORS AND USING LIGHTWEIGHT STEEL THIN-WALLED STRUCTURES (LSTK)

3. Molchaniuk A., Student (KNUCA); Shchurova V., PhD, Associate Professor (KNUCA)

RECEPTIONS OF THE ARCHITECTURAL AND PLANNING ORGANIZATION OF RESIDENTIAL COMPLEXES OF THE MIDDLE CLASS

4. Shokalo V., bachelor (NAU); Bzhezovska N., Cenior Lecturer (NAU)

RENOVATION OF THE FOOTBALL STADIUM IN THE CITY OBUKHIV

5. Kravchenko Y., bachelor (NAU); Bzhezovska N., Cenior Lecturer (NAU)

CREATION OF CONDIYIONS FOR AIRODYNAMIC SPORT

6. Ivakhno I., bachelor (NAU); Bzhezovska N., Cenior Lecturer (NAU)

NEW APPROACHES TO DESIGNING A YOUNG AVIATOR STATION

7. Shalun A. (KNUCA); Bulakh I., Doctor of Philosophy (KNUCA)

ARCHITECTURAL PRINCIPLES OF THE GREENING OF MULTIPLE HOUSING HOUSES

8. Kalashnikova V., PhD, Assistant (NAU)

ALGORITHM OF DESIGN OF COMFORT DWELLING FOR THE COHABITANTS WITH DIFFERENT PSYCHOTYPES

9. Amro Ayham Khalil, Bachelor of Architect (KNUCA)

"PRINCIPLES OF THE FORMATION OF THE ARCHITECTURAL ENVIRONMENT OF MULTIFUNCTIONAL COMPLEXES UNDER HOT CLIMATES (ON THE EXAMPLE OF THE CITY OF AMMAN, JORDAN)"

10. Stashevskaya N., Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)

THE ASPECTS OF THE COLOR USE IN MODERN CITIES

11. Maksymov A., Head of the Department of Thermomodernization and Energy Saving in the construction (SE "RICP")

DIRECTIONS FOR EFFICIENT THERMODODERNIZATION

12. Dyachenko S., Student (KNUCA); Derevinskiy V., Doctor of Historical Science, Professor (KNUCA)

THE GREATEST STUDENTS OF THE ARCHITECTURAL FACULTY OF KNUCA

13. Burlakov S., Student (KNUCA); Sergeychuk O., PhD, Professor (KNUCA)

TAKING INTO ACCOUNTING THE ORGANIZATION OF THE HEAVY CONSTRUCTION IN THE DEFINED THERMAL INSTALLATIONS

14. Kuriat P., Postgraduate (KNUCA)

EVALUATION OF SOCIO-ECONOMIC FACTORS INFLUENCE ON EFFICIENT CHOICE OF SPACE-PLANNING DECISIONS IN HOUSING

15. Vorobiova K., Student (KNUCA)

METHODS AND TECHNIQUES OF ARCHITECTURAL AND ENVIRONMENTAL ORGANIZATION TOWNHOUSES ON THE EXAMPLE OF THE COTTAGE "THREE RIVERS" IN PLYUTAY, KIEV REGION

16. Marchenko Y., Student (KNUCA)

MODERN TRENDS IN THE DEVELOPMENT OF A RECREATIONAL ENVIRONMENT. COMPARISONS ON THE EXAMPLE OF DOMESTIC AND FOREIGN EXPERIENCE.

17. Almufty Murtada, Student (KNUCA)

PECULIARITIES OF RECONSTRUCTION OF MULTI-STOREY RESIDENTIAL BUILDINGS TAKING INTO ACCOUNT ENERGY-EFFICIENT TECHNOLOGIES

18. Martynov V., Doctor of Science, Professor (KNUCA); Corba D., Student (KNUCA); Ekele Diamandga Remi, Student (KNUCA)

OPTIMIZATION OF PLOTTING PHOTOELECTRIC MODULES ON CONSTRUCTION GRANTS IN EDUCATIONAL HOUSING UNIVERSITY CAMPAIGNS

19. Skochko V., PhD, Associate Professor (KNUCA)

THEORETICAL ASPECTS OF DESIGNING THE SCHEMES FOR ALLOCATION OF HEATING SUPPLY NETWORKS AND HEAT CONSUMPTION OBJECTS WITH MINIMIZATION OF ENERGY LOSSES

SECTION 2.

Urban planning and land use planning

30th of November, 2017, aud. 348

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expository program, continuation of sectional meetings

1. Mishchenko O., Senior Lecturer (KNUCA); Chala A., Student (KhNUUE); Dubeshko A., Student (KhNUUE)

REVITALIZATION OF INDUSTRIAL TERRITORIES IN KYIV

2. Loktionov A., Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)

LANDSCAPE-PLANNING ORGANIZATION STRIPS RAILWAYS IN RESIDENTIAL AREAS OF THE CITY. ON THE EXAMPLE OF THE CITY OF KIEV

3. Shebek N., Doctor of Architecture, Professor (KNUCA); Fedotov V., Student (KNUCA)

ECOLOGICAL CITIES OF THE FUTURE

4. Kolmakov I., Postgraduate (KNUCA)

PRINCIPLES OF FORMING MULTIDIMENSIONAL SPACES IN CITIES OF UKRAINE

5. Lapan I., Assistant (KNUCA)

CLASSIFICATION OF LAND PLOTS OF PRIVATE ESTATE DEVELOPMENT

6. Dubnytska M., Assistant, Postgraduate (KNUCA)

WATER BODIES AUDIT (ON THE NEBREZH LAKE, KYIV, EXAMPLE)

7. Mykhalova M., PhD, Associate Professor (KNUCA); Kordyukova A., Student (KNUCA)

URBAN-PLANNING CADASTRE AS INFORM SOURCE DURING IMPLEMENTATION OF PROJECT

8. Matsokha A., Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)

METHODOLOGY OF PUBLIC SPACE REVALORIZATION OF THE SQUARE OF INDEPENDENCE OF CENTRAL AREA IN KHMELNITSKY

- 9. Litvinenko I., Senior Lecturer (KNUCA); Prudnikova V., Student (KNUCA)**
ANALYSIS OF THE CHANGES IN THE LEGISLATION
ON CONDUCTING LAND AUCTION
- 10. Prusov D., Prof. Dr.Habil., Sr.Res.An. (IIE KNUCA)**
THE EFFICIENT DEVELOPMENT OF URBAN TERRITORIES DUE TO
THE MODERN PROBLEMS OF THEIR TRANSFORMATION
- 11. Lazorenko-Hevel N., PhD, Assistance Lecturer (KNUCA); Korshykova A., Student (KNUCA)**
GEOSPATIAL MODELING FOR PRESCHOOL EDUCATIONAL
INSTITUTIONS ACCESSIBILITY FOR THE PUBLIC WITHIN THE LIMITS
OF A PROXIMAL POLYGON IN KYIV
- 12. Aivazian K., Postgraduate (KNUCA)**
MULTI-FUNCTIONAL DISTRICT – NEW FORM OF ARCHITECTURAL
PLANNING ORGANIZATION IN URBAN PLANNING
- 13. Petrakovskaya O., Doctor of Sciences, Professor (KNUCA); Dubnitskaya M., Assistant (KNUCA); Bashtova A., Student (KNUCA)**
THE ASSESSMENT (VALUATION) OF AGRICULTURAL LAND
- 14. Slipchenko Yu., Student (KNUCA); Shebek N., Doctor of Architecture, Professor(KNUCA)**
REVALORISATION OF COASTAL INDUSTRIAL AREAS (FOR
EXAMPLE, THE 61-TH COMMUNAL PLANT IN NIKOLAEV)
- 15. Novak O., Student (KNUCA); Shebek N., Doctor of Architecture, professor (KNUCA)**
THE RECONSTRUCTION METHODS OF THE HISTORIC
ENVIRONMENT IN A MODERN CITY
- 16. Osadchuk V., Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)**
MODERN TENDENCIES OF INTEGRATION OF LIGHTING INTO A
PATHWAY
- 17. Romanova O., Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)**
THE MEANS OF ADAPTING CITY STREETS TO PUBLIC EVENTS

18. Vozniak O. Student (KNUCA); Shebek N., Doctor of Architecture, Professor (KNUCA)

METHODOLOGY OF DESIGNING RECREATION TERRITORIES OF THE BIGGEST CITIES AT THE EXAMPLE OF THE RECREATION ZONE ON TRANSPORTATION IN KIEV

19. Varchuk R., Student (VNTU); Romanov S., Student (VNTU); Denysenko N., PhD, Associate Professor (KNUCA)

METHODOLOGY OF GROUND OF TERRITORIAL EFFICIENCY OF PROJECTS

20. Maltseva V., Student, (KNUCA); Apostolova-Sossa L., PhD, Associate Professor (KNUCA)

THE INFLUENCE OF OUTDOOR ADVERTISING ON THE URBAN ENVIRONMENT

21. Gorkovchuk Ju., PhD, Associate Professor (KNUCA); Yashchenko P. Student, (KNUCA)

PHOTOGRAMMATIC SUPPORT FOR PASPORTATION BUILDINGS' FACADES

22. Petrakovskaya O., Doctor of Sciences, Professor (KNUCA); Dubnitskaya M., Assistant (KNUCA); Makovska T., Student (KNUCA)

REAL ESTATE TAX, DIFFERENT FROM THE LAND PLOT

23. Oliinyk S., Student (KNUCA); Petrakovska O., Professor (KNUCA)

APPLICATION OF GIS TECHNOLOGIES IN THE FIELD OF THE LAND CASTAL

24. Synhayivska O., Doctor of Technical Sciences, Professor (KNUCA); Davydenko I., Engineer (DP NDPIM); Prokopenko V., Student (KNUCA)

AN ANALYSIS OF THE STATUS OF THE DEFINITIONS AND TERMINOLOGY USED IN THE FIELD OF LANDSCAPE AND RECREATIONAL SITES

25. Syngaivska O., Doctor of Technical Sciences, Professor (KNUCA); Rudnik D., Engineer (SE «UKRNDPICIVILBUD»); Kostenko N., Student (KNUCA)

INFORMATION SUPPORT OF DECISION OF THE URBAN PLANNING PROBLEMS OF ENGINEERING PREPARATION CITY ROAD NETWORK

26. Tomashchuk M., Postgraduate (KNUCA)

GEOINFORMATION MODELING TERRITORIAL COMMUNITIES OF THE KYIV REGION BY APPLICATION DIAGRAMS OF THE VORONOI

SECTION 3.

Construction, materials and design technology of building production

30th of November, 2017, aud.102 (main building)

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expositional program, continuation of sectional meetings

1. Kukhniuk N., Student (KNUCA); Myshko S., Student (KNUCA); Pidlutskiy V., PhD, Associate Professor (KNUCA)

INVESTIGATION OF THE EFFECT PARAMETERS OF THE RETAINING WALL TO REDISTRIBUTION OF FORCES IN ITS ELEMENTS

2. Klymenko I., Doctor of Technical Sciences, Professor (OSACEA); Hrynova I., Postgraduate (OSACEA)

TENSE-DEFORMED STATE AND RESIDUAL LOAD-BEARING CAPACITY OF THE DAMAGED STONE PILLARS

3. Andriychuk T., Student (KNUCA); Pidlutskiy V., PhD, Associate Professor (KNUCA)

DETERMINING THE EXPEDIENCY OF BORED AND JACKED PILES INSTALLATION IN SANDY SOILS DEPENDING ON INTERNAL FRICTION ANGLE

4. Korobko V., Student (KNUCA); Shpakova H., PhD, Associate Professor (KNUCA)

BUILDING INFORMATION MODELING

5. Kozachuk V., Student (KNUCA); Klymchuk M., PhD, Associate Professor (KNUCA)

FINANCING OF ENERGY EFFICIENT PROJECTS IN CONSTRUCTION

6. Rybalko I., Student (KNUCA); Klymchuk M., PhD, Associate Professor (KNUCA)

TREND OF INCORPORATION ON THE BUILDING ENTERPRISE OF THE POTENTIAL OF ALTERNATIVE ENERGY

7. Chebanov T., Postgraduate (KNUCA); Kiyarov O., Student (KNUCA); Beretha V., Engineer (TOV MNVP “Ingtehbud”)

DISASSEMBLY AND INSTALLATION TECHNOLOGY OF GREENHOUSES' FOUNDATION

8. Sukhanevych M., PhD, Associate Professor (KNUCA); Ustymenko M., Postgraduate (KNUCA)

REPAIR SOLUTIONS BASED ON CEMENT COMPOSITIONS MODIFIED WITH WATER POLYURETHANE DISPERSION WITH CARBON NANOTRUBS

9. Sukhanevych M., PhD, Associate Professor (KNUCA); Garazha V., Magistr (KNUCA)

INVESTIGATION OF THE INFLUENCE OF THE CEMENT MATRIX ON THE PROPERTIES OF NANOMODIFIED COMPOSITES

10. Shpakova A., PhD, Associate Professor (KNUCA); Shpakov A., PhD, Associate Professor (KNUCA)

APPLICABLE TECHNOLOGY FOR REALIZING DIVERSIFICATION PROJECTS FOR BUSINESS ENTERPRISES

11. Lyalko V., Student (KNUCA); Shpakova H., PhD, Associate Professor (KNUCA)

INSTALLATION OF SOLAR PANELS

12. Mykhailovskiy D., PhD, Associate Professor (KNUCA); Komar A. (KNUCA)

CROSS LAMINATED TIMBER AND METHODS FOR CALCULATING THEM

13. Plokhuta R., Postgraduate (KNUCA)

TECHNOLOGICAL FEATURES OF REINFORCED CONCRETE STRUCTURES CRACKS REHABILITATION BY METHOD OF INJECTION

14. Molodid O., PhD, Associate Professor (KNUCA)

STUDY OF BRICK SURFACE PREPARATION TECHNOLOGY EFFECT ONTO ADHESIVE STRENGTH OF REINFORCEMENT ELEMENTS

15. Chernenko K., PhD, Associate Professor (KNUCA); Gavaleshko V., Associate Professor (YFChNU)

INVESTIGATION OF WEATHER CONDITIONS AFFECTING HIGH-RISE CONSTRUCTION

16. Kyrychok V., Junior Researcher (SRIBM, KNUCA)

ENSURING CRACK RESISTANCE OF PROTECTIVE COATINGS BASED ON ALKALINE ALUMINOSILICATES

17. Krivenko O., Postgraduate (KNUCA)

COMPARISON OF THE BEARING CAPACITY OF CONTINUOUS FLIGHT AUGER PILES BY VARIOUS METHODS IN SANDIES AND CLAYS SOILS

18. Smorkalov D., PhD, Associate Professor (KNUCA); Lakshatanov A., Postgraduate (KNUCA)

CLAMPING BY CHEMICAL ANCHORS AND PLACEMENT OF REINFORCEMENT REBAR BY HILTI REBAR TECHNOLOGY

19. Smorkalov D., PhD, Associate Professor (KNUCA); Khomiak O., Student (KNUCA)

MODERN MONOLITHIC POST-TENSION CONCRETE STRUCTURES

20. Gontar O., Student (KNUCA); Shpakova G., PhD, Associate Professor (KNUCA)

BUILDING IN THE STANDING TERRITORY BY «TOP-DOWN» TECHNOLOGY

21. Myshko S., Student (KNUCA); Kukhniuk N., Student (KNUCA); Pidlutskyi V., PhD, Associate Professor (KNUCA)

RESEARCH REDISTRIBUTION OF LOAD BETWEEN GRILLAGE AND PILES, DEPENDING ON THE LENGTH OF PILE

22. Kashoyida O., Student (KNUCA); Bova Y., PhD, Associate Professor (KNUCA)

HOLLOW (CAISSON) SLABS WITH MIXED REINFORCEMENT

23. Petrikova Ev., PhD, Associate Professor (KNUCA); Mykhailov O., Postgraduate Student (KNUCA)

THE INFLUENCE OF TECHNOLOGICAL FACTORS ON FORMING FOAM PERLITE CONCRETE

24. Konoplyanik A., Associate Professor (PSACEA); Androsova A., Postgraduate (PSACEA); Shafranskaya V., Student (PSACEA)

REVIEW OF MATERIALS FOR MANUFACTURED REINFORCEMENT BASED OF VERTICAL ELEMENTS

25. Uljanov Y., Postgraduate (SHEI PSACEA)

TECHNICAL CONDITIONS OF PENETRATION TEST FOR CONTROL STATE OF CEMENT PILES USING INKJET TECHNOLOGIES.

SECTION 4.

Engineering systems, automated systems and environmental aspects of construction

30th of November, 2017, aud. 150

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expositional program, continuation of sectional meetings

1. Zhuk V., PhD, Associate Professor (LPNU); Vovk L., PhD, Senior Lecturer (LPNU); Trofymchuk Y., Student (LPNU)

COMPARING OF THE VOLUME OF STORMWATER RUNOFF FROM TYPICAL RESIDENTIAL CATCHMENTS IN LARGEST CITIES, CALCULATED ACCORDING TO UKRAINIAN NORMATIVE DOCUMENTS

2. Sobolevska L., Assistant (KNUCA); Vavrishuk D., Student (KNUCA)
AUTOMATION SYSTEMS BASED ON FUZZY LOGIC

3. Lebedka S., PhD, Senior Lecturer (SSU); Zakharchenko V., Student (SSU)
DEVELOPMENT OF MODEL OF TRANSIENT PROCESSES IN ELECTRIC NETWORK IN PHASE COORDINATES

4. Shvachko N., PhD, Associate Professor (KNUCA); Kyrii O., Student (KNUCA)
ANALYSIS OF CENTRALIZED AND DECENTRALIZED SYSTEMS OF HEAT SUPPLY

5. Shvachko N., PhD, Associate Professor (KNUCA); Ogiyenko D., Student (KNUCA)
DETERMINING THE EFFICIENCY OF USING MULTI-ZONE METERS

6. Zemskaya D., Student (KNUCA); Voloshkina O., Doctor of Technical Sciences, Professor (KNUCA); Trofimovich V., Doctor of Technical sciences, Professor (KNUCA)
ENVIRONMENTAL REST OF THE AREA – INDICATOR OF FORMATION OF ENVIRONMENTAL REGIONAL POLICY

7. Mazurenko L., Doctor of Professor (KNUCA); Shykhnenko M., Postgraduate Student (IED of the NAS of Ukraine); Melnychenko A., Student (KNUCA)
MODELING OF THE ELECTRIC DRIVE OF THE UNDERGROUND ESCALATOR

8. Mazurenko L., Doctor of Sciences, Professor (KNUCA); Shykhnenko M., Postgraduate (IED of the NAS of Ukraine); Palamariuk H., Student (KNUCA);
MODELING OF THE PUMPJACK ELECTRIC DRIVES PROCESSES

9. Mazurenko L., Doctor of Sciences, Professor (KNUCA); Shykhnenko M., Postgraduate (IED of the NAS of Ukraine)
SWITCHED RELUCTANCE MACHINES

10. Koshak T.; Volynets M.
THE USE OF DRONES IN THE "SMART CITY"

11. Klymowska K., Student (KNUCA); Nechiporenko D., Student (KNUCA); Chepurna N., PhD, Associate Professor (KNUCA)
PROBLEMS CAUSED BY LEGIONELLA IN HOT-WATER SUPPLY SYSTEMS

12. Blazhaieva A., Student (KNUCA); Panova O., PhD, Associate Professor (KNUCA); Duginov V., PhD, Associate Professor (KNUCA)
DETERMINATION OF THE LEVEL OF MIGRATION OF THE GEOMAGNETIC FIELD WITH THE AIM OF NORMALIZATION OF ENVIRONMENTAL CLEANING

13. Kozhushko O., Postgraduate (NUWEE); Kizieiev M., PhD, Associate Professor (NUWEE)
HEAT RECOVERY IN SEWER SYSTEMS

14. Ostapuschenko O., PhD, Associate Professor (KNUCA); Klevtsov M., Student (KNUCA); Levytskyi V., Student (KNUCA)
APPLICATION OF THE THEORY OF PLANNING OF AN EXPERIMENT WHEN MODELLING PROCESS OF ELECTRIC CONTACT WELDING

15. Shvets V., Graduate Student (KNUCA); Podoltsev O., Professor (KNUCA)
MODELING OF OSCILLATORY ELECTROMECHANICAL PROCESS IN LINEAR MOTOR WITH PERMANENT MAGNETS FOR COMPACTION OF CONCRETE MIXTURE

16. Rogulsky Ya., Student (SSU KInK KNUCA); Yurova T. Teacher of the highest category, teacher – methodologist (SSU KInK KNUCA)
SUPPLY AND EXHAUST VENTILATION

17. Moroz M., Postgraduate (Institute of Technical Thermophysics of the National Academy of Sciences of Ukraine)
EFFECTIVE CONTROL OF HEATING OF BUILDINGS TAKING INTO ACCOUNT THE REDUCTION OF ELECTRICITY AT NIGHT

18. Krylyuk O., Student (KNUCA); Riznik V., Student (KNUCA); Apukhtina N., Student (KNUCA); Chepurnaya N., Associate Professor (KNUCA).
MODERN PROBLEMS OF HOT WATER SUPPLY

19. Deshko V., Doctor of Sciences, Professor (NTUU «Igor Sikorsky KPI»); Bilous I., Assistant (NTUU «Igor Sikorsky KPI»); Hetmanchuk H., Student (NTUU «Igor Sikorsky KPI»)

BASES OF CLIMATIC AND WEATHER DATA FOR BUILDINGS ENERGY PERFORMANCE DETERMINATION

20. Zadoiannyi O, PhD, Associate Professor (KNUCA); Kuchko S, Student. (KNUCA)

EXERGETIC EFFICIENCY OF BUILDING ENGINEERING EQUIPMENT AS AN EFFICIENT PERFORMANCE ON ENERGY CONSERVATION

SECTION 5.

Construction vehicles and equipment

30th of November, 2017, aud. 207

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expositional program, continuation of sectional meetings

1. Kuzminec M., Doctor of Science, Professor (NTU); Nedbailo O., PhD, Senior Researcher (SE "EC "Drying""); Chernyshyn O., Director (SE "EC "Drying"")

FEATURES OF THERMAL PROCESSING OF INDIVIDUAL FORMS OF BENTONITE CLAY

2. Kuzminec M., Doctor of Science, Professor (NTU); Dolgikh V., Assistant (NTU)
AERODYNAMIC DESIGN OF FAST TRANSPORT VEHICLES

3. Fomin A., PhD, Professor (KNUCA); Kosteniuk A., Senior Lecturer (KNUCA); Stecjuk V., Student (KNUCA)

INCREASING EFFICIENCY OF GRINDING OF SOLID MATERIALS

4. Kosteniuk A., Senior Lecturer (KNUCA); Teteryatnik A., Assistant (KNUCA); Parhonjuk A., Student (KNUCA)

EFFECTIVE WORKING EQUIPMENT OF THE SINGLE-BUCKET EXCAVATOR

5. Kosteniuk A., Senior Lecturer (KNUCA); Barabash A., Student (KNUCA)

EFFECTIVE CUTTING ELEMENTS FOR DEVELOPING WORKING ENVIRONMENTS

6. Fomin A., PhD, Professor (KNUCA); Teteryatnik A., Assistant (KNUCA); Borisovec N., Student (KNUCA)

EXCEPTIONAL EXCAVATING EQUIPMENT FOR DIGGING

7. Kosteniuk A., Senior Lecturer (KNUCA); Teteryatnik A., Assistant (KNUCA); Duganova M., Student (KNUCA)

ATTACHMENTS FOR PREPARATION WORK

8. Teteryatnik A., Assistant (KNUCA); Luchuk M., Student (KNUCA)

ANALYSIS OF TRENDS FOR THE DEVELOPMENT OF MODERN EARTHMOVERS

9. Machyshyn G., PhD, Associate Professor (KNUCA); Bruts'kyi O., Student (KNUCA)

STAND FOR TESTING VEHICLES

10. Sivko V., Doctor of Science, Professor (KNUCA); Mishchuk E., PhD, Associate Professor (KNUCA); Vinnichenko V., Student (KNUCA)

IMPROVEMENTS OF THE OPERATIONAL DYNAMICS OF THE CASSETTE UNITS FOR FORMATION OF REINFORCED CONCRETE PRODUCTS

11. Mishchuk E., PhD, Associate Professor (KNUCA); Shkrum P., Student (SSU "KIC" KNUCA)

ASSESSMENT AND ANALYSIS OF DESIGN OF THE IMPACT CRUSHERS

12. Balaka M., Assistant (KNUCA)

DEVELOPMENT TRENDS OF BULLDOZER BLADES

13. Dmytro P., PhD, Associate Professor (KNUCA)

MOTION ANALYSIS OF LEVEL LUFFING CRANE INTO ACCOUNT THE ELASTICITY OF THE TIEBACK

14. Garnets V., PhD, Professor (KNUCA); Shalenko V., PhD, Associate Professor (KNUCA); Masluyk A., Postgraduate (KNUCA)

TAKING INTO ACCOUNT THE PECULIARITIES OF CONTACT INTERACTION IN THE CONDITIONS OF ROCK-ECOLOGICAL FORMATION

15. Garnets V., PhD, Professor (KNUCA); Shalenko V., PhD, Associate Professor (KNUCA); Ocadchiy I., Student (KNUCA)

METHODOLOGICAL FEATURES OF PREPARATION OF PROFESSIONALS WITH SPECIALTY "PROFESSIONAL EDUCATION" IN KNUCA

16. Zbitniev P., Postgraduate (EUNU); Nyezhtentsev O., PhD, Associate Professor (NTUU «Igor Sikorsky KPI»)

REDUCTION THE AMPLITUDE OF SWINGING OF CARGO DURING BRAKING OF BRIDGE CRANES IN PLUGGING BRAKE MODE

17. Palamarchuk D., PhD, Associate Professor (KNUCA); Doroshenko Ja., Student (KNUCA)

BALANCE MECHANISM OF BOOM SYSTEM OF LEVEL LUFFING CRANE

18. Zaverukha V., Student (KNUCA); Gorbatiuk Ie., PhD, Associate Professor (KNUCA)

ANALYSIS AND CREATION OF NEW CONSTRUCTIONS OF GRUBBERS

SECTION 6.

Organization, economics and management in construction

30th of November, 2017, aud. 503

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expositional program, continuation of sectional meetings

1. Nazarenko M., PhD, Doctoral Student (KNUCA); Gorgo M., Postgraduate (KNUCA); Likhodkin K., Postgraduate (KNUCA)

CHANGE OF CONCEPTS AND METHODOLOGICAL APPROACHES TO EVALUATION OF ADMINISTRATIVE-MANAGEMENT AND FUNCTIONAL-TECHNOLOGICAL RELIABILITY OF BUILDING PROCESSES

2. Stetsenko S., Doctor of Economics, Associate Professor, (KNUCA); Loktionova Y., Postgraduate (KNUCA); Petrenko G., Postgraduate (KNUCA)

ADAPTATION FOR ADMINISTRATION OF INTERNAL AUDIT OF ENTERPRISES TO THE REQUIREMENT OF CURRENT ECONOMIC CONTROL OF THE STAKEHOLDERS OF THE CONSTRUCTION PROJECT

3. Zyakun V., Postgraduate (KNUCA)

DIRECTIONS OF INCREASE INVESTMENT ATTRACTIVE BUILDING ORGANIZATIONS IN MODERN CONDITIONS

4. Balatsky M., Postgraduate (KNUCA); Al-Mashhadani Saif Faris Rasheed, Postgraduate (KNUCA); Malikhin M., Student (KNUCA)

ATTRACTION OF GAME-STOCHASTIC AND STATISTICAL APPROACHES FOR THE NEED FOR FORMATION OF THE MODERN TOOLS OF BUILD DEVELOPMENT

5. Chernyshev D., PhD, Associate Professor (KNUCA)

METHODOLOGY AND APPLIED ADVANTAGES OF THE TRANSITION OF BUILDING ORGANIZATION ON THE BASIS OF BIOSPHERE CONSUMPTION

6. Omelyanenko O., PhD, Associate Professor (KNUCA); Zinchenko M., Assistant (KNUCA)

CALCULATION OF HUMAN CAPITAL VALUES FORMING MODERN CONCEPTS OF BUDGETING IN BUILDINGS

7. Altukhova D., Postgraduate (KNUCA)

SELECTION THE STRATEGY OF OVERCOMING RISKS AT THE STAGE OF SCHEDULING CONSTRUCTION

- 8. Rubtsova O., PhD, Associate Professor (KNUCA)**
ADVANTAGES AND DISADVANTAGES OF USE OF XBRL FORMAT
FOR ACCOUNTING FOR IFRS FINANCIAL STATEMENTS
- 9. Oliinyk M., Postgraduate (KNUCA); Zeltser R., PhD, Professor (KNUCA)**
ENERGY AUDIT AS THE BASIS FOR THE ORGANIZATION OF
ENERGY-EFFICIENT MEASURES FOR THE HOUSING FUND
- 10. Matsapura O., Postgraduate (KNUCA)**
DETERMINATION OF MARKET VALUE OF CONSTRUCTION WORKS
- 11. Hryhanska K., Student (KNUCA); Tsifra T., Assistant professor (KNUCA)**
GOODWILL ACCOUNT IN BUILDING PROJECT INSTITUTES
- 12. Yurchenko Y., PhD, Senior Lecturer (KNUCA)**
CHARACTERISTIC FEATURES OF THE STRATEGIC CONTROL IN
THE FRAMEWORK OF CONSTRUCTION ENTERPRISE STRATEGIC
MANAGEMENT SYSTEM
- 13. Pavliy S., Postgraduate (KNUCA); Stetsenko S., Doctor of Economics,
Professor (KNUCA)**
SUBJECT: ECONOMIC TRUST AS AN ECONOMIC CATEGORY (FOR
EXAMPLE, CONSTRUCTION ENTERPRISES)
- 14. Borodavko M., Student (KNUCA); Chupryna Yu., PhD, Associate Professor (KNUCA)**
FEATURES OF EVALUATION OF ECONOMIC EFFICIENCY OF
CONSTRUCTION INVESTMENT PROJECTS
- 15. Novykova I., Doctor of Economics, Associate Professor (GSP "Institute of
Innovation Education KNUCA"); Mikhalchenko O., Doctor of Economics,
Associate Professor (GSP "Institute of Innovation Education KNUCA");
Ivakhnenko I., PhD of Economics, Associate Professor (GSP "Institute of
Innovation Education KNUCA")**
MANAGEMENT OF INNOVATIVE ACTIVITY OF ENTERPRISES
- 16. Demianenko O., Postgraduate (KNUCA); Tereshchenko L., director (Ukrainian
Research Center for Economics Construction "Ekobud"); Lilov O., applicant
(KNUCA)**
CURRENT APPROACH TO CONTENT OF ENGINEERING SERVICES IN
CONSTRUCTION

17. Bielienkova O., PhD, Associate Professor (KNUCA); Vakhovich I., PhD, Associate Professor (KNUCA); Yachmeneva Yu. (KNUCA)

METHODICAL APPROACHES TO DEVELOPMENT OF INDICATORS OF SCORED CONSTRUCTION VALUE

18. Gavrikov D., Postgraduate (KNUCA)

EVALUATION OF EFFICIENCY OF ECONOMIC MANAGEMENT SAFETY OF BUILDING ENTERPRISES

SECTION 7.

Information Technology

30th of November, 2017, aud. 347

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expository program, continuation of sectional meetings

1. Kyivska K., PhD, Associate Professor (KNUCA); Medvedev A., Student (KNUCA)

INTUITIVE OFFICE NETWORK BASED ON CISCO DNA SERVICE TECHNOLOGY

2. Zhironova T., PhD, Senior Lecturer (KNUTE); Kotenko N., PhD, Senior Lecturer (KNUTE)

SMART TECHNOLOGIES IN EDUCATION

3. Honcharenko T., Senior Lecturer (KNUCA)

OBJECT-ORIENTED APPROACH TO CREATION OF INTEGRATED DIGITAL TERRAIN MODEL FOR CONSTRUCTION TERRITORY

4. Khaddad A.

INFORMATION CALS SYSTEMS

5. Fedusenko A., PhD, Associate Professor (KNUCA); Fedusenko O., PhD, Associate Professor (KNU them. Taras Shevchenko)

ANALYSIS OF METHODS OF ORGANIZATION AND CONSERVATION OF DERIVATIVE STRUCTURES

6. Khrolenko V., PhD (KNUCA); Harholinskyy B., Student (KNUCA)

MODELS PREDICT RESULTS OF FOOTBALL MATCHES

7. Tsyutsura M., PhD, Associate Professor (KNUCA); Reznik R., Postgraduate (KNUCA); Mironov O., Postgraduate (KNUCA)

GAMING PRINCIPLES USAGE FOR EDUCATION QUALITY IMPROVEMENT

8. Rassamakin V., PhD, Associate Professor (KNUTE); Shcherbacheko B., Student (KNUTE)

RECONSTRUCTION OF THREE-DIMENSIONS OF MUSEUM EXPONENTS

9. Lyashchenko T., Senior Lecturer (KNUCA); Hryshunina M., Student (KNUCA)

REMOTE TRAINING: HIS ADVANTAGES AND LACKS

10. Shabala Ev., PhD, Associate Professor (KNUCA); Cherednichenko D., Student (KNUCA)

THE RELEVANCE OF PROGRAMMER

11. Kuznetsov M., Postgraduate (KNUCA)

QUALITATIVE ANALYSIS OF AGRICULTURAL LAND PLOTS

12. Shabala E., PhD, Associate Professor (KNUCA); Shkarupilo K., Student (KNUCA)

INFORMATION WAR AS THE REASON FOR THE BEGINNING OF AN ARMED CONFLICT

13. Terentyev O., Doctor of Engineering, Associate Professor (KNUCA); Turchaninova K., Student (KNUCA)

ANALYSIS OF GLOBAL COMPUTER ATTACKS ON AN EXAMPLE OF WANNACRY AND PETYA (GOLDEN EYE)

14. Miroshnychenko M., Student (KNUCA); Berkun M., Student (KNUCA); Shabala Ye., PhD, Associate Professor (KNUCA)

SAFETY OF CRITICAL INFRASTRUCTURE OBJECTS AS THE MOST INFLUENCING NATIONAL SECURITY COMPLEX

15. Minaeva J., PhD, Assistant professor (KNUCA); Filimonov G., Postgraduate Student (KNUCA)

FUZZY SET INTERPRETATION OF TENSOR DECOMPOSITIONS IN SOLVING MANAGEMENT TASKS

16. Tsutsura S., PhD, Professor (KNUCA); Khorolska K., Student (KNUTE); Bebeshko B., Master of Fine Arts (Softorino Inc.)

VR-TECHNOLOGY AS A MODERN ARCHITECTURE TOOL

17. Zhirova T., PhD, Senior Lecturer (KNUTE); Kotenko N., PhD, Senior Lecturer (KNUTE)

SMART TECHNOLOGIES IN EDUCATION

18. Kryvoruchko O., Doctor of Technical Sciences, Professor (KNUTE); Desiatko A., Assistant (KNUTE)

INTEGRATED FLOWS IN LOGISTICS

1. Rzaieva S., PhD, Associate Professor (KNTEU); Rzaiev D., Senior Lecturer (KNEU n. a. V. Hetman)

ANYLOGIC INFORMATION SYSTEM IN DESIGN OF THE SYSTEM OF THE POSTGRADUATE EDUCATION

20. Tsutsura S., PhD, Professor (KNUCA); Kuleba M., Assistant (KNUCA)

MODERN APPROACH OF USING CLOUD TECHNOLOGIES IN EDUCATION

SECTION 8.

Historical, socio-cultural, political, legal and philosophical aspects of architecture and construction development

30th of November, 2017, aud. 116

- 10:00 – Sectional meeting
- 13:00 – Lunch
- 14:00 – Continuation of sectional meeting
- 16:00 – Expositional program, continuation of sectional meetings

23. Lupiychuk V., Student (KNUCA); Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA)

CONFLICT IN DONBASS. PRECONDITIONS AND REASONS
(LANGUAGE, HISTORICAL, CULTURAL)

1. Kuschenko O., Student (KNUCA); Kalenichenko R., PhD, Associate Professor (KNUCA)

PSYCHOLOGY OF LEADERSHIP IN PROJECT ACTIVITY OF BUILDING
SPHERE

2. Kalenichenko R., PhD, Associate Professor (KNUCA); Mustafayev G., PhD, Associate Professor (KNUCA)

PROFESSOR BUILDER. FACTOR, WHICH WORKS WITH
BUILDING AND CONSTRUCTIONS

3. Topchu D., Student (KNUCA); Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA)

THE RUINED TEMPLE ARCHITECTURE OF KIEV

4. Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA); Gut T., Student (KNUCA)

THE INFLUENCE OF EVENTS OF THE SECOND WORLD WAR TO
SAVING ARCHITECTURAL SIGHTS

5. Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA); Fortuna D., Student (KNUCA)

UKRAINIAN COMMUNITY DURING THE OCCUPATION OF THE
AUTONOMOUS REPUBLIC OF CRIMEA (2014-2017)

6. Meleshko O., Student (KNUCA); Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA)

WERE THERE REVOLUTIONS IN UKRAINE?

7. Sirachynska V., Student (KNUCA); Derevynskiy V., Doctor of Historical Sciences, Professor (KNUCA)

MEETING THE EDUCATIONAL NEEDS OF REPRESENTATIVES OF THE HUNGARIAN NATIONAL MINORITY IN UKRAINE

8. Simonova V., Student (KNUCA); Derevynskiy V., Doctor of Historical Sciences, Professor (KNUCA)

PROVIDING THE UKRAINIAN NATIONAL MINOR WITH EDUCATIONAL SERVICES IN NATIVE LANGUAGE IN ROMANIA

9. Panibudlaska A., Student (KNUCA); Malashenkova S., Student (KNUCA); Buryak Y., Associate Professor (KNUCA)

POLITICAL AND LEGAL BASE OF THE GAS STATION CONSTRUCTION IN UKRAINE

10. Borovyk D., Student (KNUCA); Derevynskiy V., Doctor of Historical Sciences, Professor (KNUCA)

POZNYAKI VILLAGE – A REGIONAL CONTEXT

11. Dmitrieva E., Student (KNUCA); Loginov A., Student (KNUCA); Derevynskiy V., Doctor of Historical Sciences, Professor (KNUCA)

EUROPEAN VALUES AND UKRAINIAN TRADITIONS: CHALLENGES AND PERSPECTIVES

12. Chobanian H., Student (KNUCA); Sheliuk M., Student (KNUCA); Herbut N., PhD, Associate Professor (KNUCA)

ORGANIZATION OF BARRIER-FREE ARCHITECTURAL ENVIRONMENT FOR POPULATION GROUPS WITH IMPAIRED MOBILITY

13. Karpin A., Student (KNUCA); Yanushevsky M., Student (KNUCA); Herbut N., PhD, Associate Professor (KNUCA)

ACCESS STATE OF UKRAINE'S CITIES MASTER PLANS FOR CITIZENS

14. Sementsova I., Postgraduate (KNUCA)

INTERACTION BETWEEN CIVIL SOCIETY AND CONSTITUTIONAL STATE

15. Hrebenieva I., Student (KNUCA); Pereguda Ye., Doctor of Political Sciences, Professor (KNUCA)

ØRESUND BRIDGE AS THE SYMBOL OF EUROPE

16. Kim A., Student (KNUCA); Pereguda Ye., Doctor of Political Sciences, Professor (KNUCA)

LOGISTIC SYSTEMS AS A FACTOR OF SOCIAL MOBILITY

17. Pereligina K., Student (KNUCA); Bourda I. (KNUCA)
THUMBNAIL OF KIEVAN RUS

18. Shevchenko A., Student (KNUCA); Shchurova V., PhD, Associate Professor (KNUCA)
BACKGROUND FOR THE FORMATION OF SUCCESSFUL SPATIALS IN MODERN CITIES

19. Diomkin P., PhD, Assistant Professor (KNUCA); Travkina O., Student (KNUCA)
EDUCATIONAL DEVELOPMENT IN INDEPENDENT UKRAINE

20. Chuprynka P., Student (KNUCA); Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA)
HISTORY OF THE RECONSTRUCTION OF GOLDEN GATE

21. Petukhova I., PhD, Associate Professor (UDFSU); Davidenko N., Practical Psychologist (UDFSU)
TRAINING TECHNOLOGIES IN THE CONTEXT OF PSYCHOLOGICAL TRAINING OF SPECIALISTS OF SALES DEPARTMENTS

22. Diomkin P., Student (KNUCA); Syniahivska V., PhD, Assistant professor (KNUCA)
REVOLUTION ON GRANITE

SECTION 1.

Architecture and Design

1st of Desember, 2017, aud. 101 (Faculty of Architecture)

- 10:00 – Sectional meeting
- 14:00 – Lunch
- 15:00 – Second plenary meeting

1. Obynochna Z., Lecturer (Ivano-Frankivsk National Technical University of Oil and Gas)

LANDSCAPE COMPONENTS IN PLANNING HIPPOThERAPHY CENTERS

2. Lavrukhina K., Postgraduate (KNUCA)

THEORETICAL ASPECTS OF INTRODUCTION OF DIFFERENTIAL LAWS OF THE CONSTRUCTION PRODUCTION QUALITY FORMATION PROCESS

3. Caruso N., Architect (Italy)

THE FACADE AS A “MEETING POINT” BETWEEN INTERNATIONAL ARTICULATION AND URBAN DIMENSION IN THE RESIDENTIAL NEIGHBORHOODS

4. Malyi O., Postgraduate (KNUCA); Kashchenko T., PhD, Associate Professor (KNUCA)

REVIEW OF DEVELOPMENT OF ARCHITECTURAL TYPOLOGY OF CHILDREN'S INSTITUTIONS OF ENVIRONMENT AND RELAXATION OF THE SOVIET PERIOD

5. Mihaela Agata Cehan, PhD, t.a. arch. (TUIASI (Romania)); Constanta Carmina Gheorghita, PhD, t.a. arch. (TUIASI (Romania))

PLACE, IDEA, INTERVENTION – ARCHITECTURAL INSTALLATIONS

6. Yaremchuk O., Postgraduate (KNUCA)

TOOLS FOR URBAN ANALYSIS AND DESIGN

7. Kopasova H., postgraduate (KNUCA)

TENDENCIES OF DECORATIVE LIGHTING IN THE URBAN ENVIRONMENT

8. Heher A., PhD (KNUCA); Herbych K., Student (NAU)

SOME ASPECTS OF THE FONT COMPOSITIONS USAGE IN THE MODERN INTERIOR DESIGN

9. Heher A., PhD (KNUCA)

VISUAL RECURSIVE SYSTEMS MODELING FOR THE TASKS OF TECHNICAL AESTHETICS

SECTION 2.

Urban planning and land use planning

1st of Desember, 2017, aud. 348

- 10:00 – Sectional meeting
14:00 – Lunch
15:00 – Second plenary meeting

1. *Apostolova-Sossa L., PhD, Associate Professor(KNUCA); Aliksieieva M., Student (KNUCA)*

METHODICAL BASES FOR THE DEVELOPMENT OF PLANS FOR THE ORGANIZATION OF THE TERRITORY OF HISTORICAL AND CULTURAL RESERVES

2. *Apostolova-Sossa L., PhD, Associate Professor(KNUCA); Suhoniako A., Student (KNUCA)*

METHODS OF PRESERVATION OF CULTURAL LANDSCAPES HISTORIC TOWNS ON THE EXAMPLE OF KYIV

3. *Zolotar L., Assistant (KNUCA)*

MATHEMATICAL APPROACHES TO THE OPTIMIZATION OF THE FUNCTIONAL AND PLANNING LOCATION OF PRIMARY COLLECTION POINTS OF WASTE MANAGEMENT COLLECTION ACCORDING TO CITY PLANNING CRITERIA

4. *Kozlova Iu., Assistant (KNUCA)*

BACKGROUND FORMATION OF RESEARCH UNIVERSITIES

5. *Priymachenko O., PhD, Assistant of Professor (KNUCA)*

MODEL FOR EFFECTIVENESS EVALUATION OF PLANNING MEASURES FOR PROTECTION OF AREAS SURROUNDING MAIN ROADS FROM THE INFLUENCE OF ENVIRONMENTAL PRESSURES OF THE KYIV MAIN ROAD NETWORK

6. *Shebek N., Doctor of Architecture, Professor (KNUCA); Karimova A., Student (KNUCA)*

THE INFLUENCE OF SPACE ON THE COLLECTIVE CITIZENSHIP OF CITY

7. *Pokladok O., Postgraduate (NULP)*

THEORETICAL PRECONDITIONS OF ARCHITECTURAL AND URBANISTIC DEVELOPMENT OF RECREATIONAL REGIONS OF SUBURBAN ZONES

8. Dufeniuk O., Postgraduate (Ivano-Frankivsk King Danylo Halitskyi University of Lviv)

OIL AND GAS COMPANIES IN GALICJA AND THEIR INFLUENCE ON THE SPATIAL STRUCTURE OF THE REGION

9. Shebek N., Doctor of Architecture, Professor (KNUCA); Yemets O. V., Student (KNUCA)

PRINCIPLES OF REHABILITATION OF DEGRADING SETTLEMENTS ON EXAMPLE OF BUCHAK VILLAGE OF CHERKASSY REGION

SECTION 3.

Construction, materials and design technology of building production

1st of Desember, 2017, aud.102 (main building)

- 10:00 – Sectional meeting
14:00 – Lunch
15:00 – Second plenary meeting

1. Bikus K., Associate Professor (PSACEA); Ryzhkova O., Postgraduate (PSACEA)
SPECIAL ASPECTS OF STAGED INCLUDING OF ALL ELEMENTS OF THE PILE FOUNDATION

2. Mykhailovsky D., PhD, Associate Professor (KNUCA); Babych T., Assistant (SSU IIE KNUCA)
STRESS-STRAIN STATE OF ARCHES OF UNEVEN SETTLEMENTS OF SUPPORTS

3. Antonov R., Postgraduate (KNUCA)
STRENGTH AND RIGIDITY OF MULTI VOID REINFORCED CONCRETE SLABS

4. Davydenko R., Postgraduate (KNUCA); Kripak V., PhD, Professor (KNUCA)
THE STABILITY OF FRAME BUILDINGS AGAINST THE PROGRESSIVE DESTRUCTION

5. Dobrovinskaya M., Student (KNUCA); Afanasyeva L., PhD, Assistant Professor (KNUCA)
POSSIBILITY OF USAGE OF REINFORCED CONCRETE CONSTRUCTIONS IN HIGH-SPEED DAMAGE CONDITIONS

6. Basarab V., PhD (KNUCA)
METHODS OF INSTALLATION AND DESIGN OF PLASTER MARKERS

7. Raskivsky V., PhD, Associate Professor (KNUCA); Glushchenko I., Assistant (KNUCA)
TECHNOLOGICAL EQUIPMENT FOR BUILDING CONSTRUCTIONS INSTALLATION

8. Vozhdayenko B., Student (KNUCA); Chernov A., Student (KNUCA); Shpakova H., PhD, Associate Professor (KNUCA)
APPLICATION OF INFRINGEED PINOPOLISORAL SUPPLY

9. Tonkachyev G., Doctor of Technical Sciences, Professor (KNUCA); Chebanov T., Postgraduate (KNUCA); Chaliy R., Student (KNUCA)
SCOPE OF DIFFERENT WAYS OF CONSTRUCTING MEMBRANE GREENHOUSES

10. Kaleniuk N., Student (KNUCA); Nosenko V., PhD, Associate Professor (KNUCA);

CHOICE OF EFFICIENT PARAMETERS FOR REINFORCED CONCRETE
RAFT STRIP PILE FOUNDATION

11. Konyk V., PhD Student (PGASA)

THE SETTLEMENTS OF SPREAD AND STRIP FOOTINGS UNDER
RELOADING

12. Komissarov G., Postgraduate (PGACA)

PHISICAL AND MECANICAL CHARACTERISTICS OF SOIL-CEMENT
WITH LOW CEMENT CONTENT

13. Skochko L., Assistant (KNUCA)

FEATURE OF MUTUAL OPERATION OF LEVELS OF RETAINING
WALLS DURING THE TERRACING OF SLOPES

**14. Sharapa S., PhD, Associate Professor (KNUCA); Anioł Marcin, mgr inż.,
Kierownik Budowy (Sp. z o.o. "KOBNEXT" (Poland)); Heher A., PhD, (KNUCA)**

FEATURES OF CONSTRUCTION TECHNOLOGY AND ORGANIZATION
OF INDUSTRIAL BUILDINGS IN POLAND

SECTION 4.

Engineering systems, automated systems and environmental aspects of construction

1st of Desember, 2017, aud. 150

- 10:00 – Sectional meeting
- 14:00 – Lunch
- 15:00 – Second plenary meeting

1. Yurko O., Student (KNUCA); Rybka A., Student (KNUCA); Chepurna N., PhD, Associate Professor (KNUCA)

ANALYTICAL RESEARCH METHODS OF ENERGY-EFFICIENT IN HOT WATER SUPPLY SYSTEMS

2. Chepurna N., PhD, Associate Professor (KNUCA); Dzvонkovskyi A., Student (KNUCA); Nesterenko A., Student (KNUCA)

MATHEMATICAL MODELING FOR DETERMINATION OF OPTIMIZATION OF ENERGY SYSTEMS

3. Sorokovoy R., Postgraduate, junior scientific publisher (Institute of Engineering Thermophysics NAS of Ukraine)

EXPERIMENTAL STUDY OF SOLAR RADIATION

4. Bozhko I., Junior researcher (Institute of Technical Thermophysics of the National Academy of Sciences of Ukraine)

COMBINED HEAT PUMP SYSTEM OF HEAT SUPPLY OF ENERGY EFFICIENT BUILDING

5. Sehen Y., Student (KNUCA); Chepurna N., PhD, Associate Professor (KNUCA); Kirichenko M., PhD, Associate Professor (KNUCA)

STUDY RESEARCH OF METHODS OF INTENSIFICATION OF ENERGY-SAVING TECHNOLOGIES

6. Davidenko Ev., Postgraduate (KNUCA)

PROSPECTS FOR THE USE OF MAGNETIC DISPENSERS FOR CENTRAL HEAT SUPPLY SYSTEMS

7. Yakusevych S., Postgraduate (KNUCA)

SOME ASPECTS OF THE DETERMINATION OF THE HEAT FLOW ON THE EXTERNAL SURFACES OF THE BUILDING ENVELOPE CONSTRUCTIONS

8. Kozhedub S., PhD, Associate Professor (KNUCA)

ON THE CERTIFICATION OF OBJECTS OF GREEN BUILDING

9. Leschenko V., Postgraduate (KNUCA)

INFLUENCE OF THE TOPOLOGICAL STRUCTURE OF THE GRIDS OF INTERNAL MATERIAL PARTITIONS OF ENERGY-EFFICIENT WALL BLOCK STRUCTURES ON THEIR THERMAL RESISTANCE

SECTION 5.
Construction vehicles and equipment
1st of Desember, 2017, aud. 207

10:00 – Sectional meeting
14:00 – Lunch
15:00 – Second plenary meeting

1. Delembovskyi M., Assistant (KNUCA)

METHODS OF INCREASING THE RELIABILITY AND EFFICIENCY OF
VIRTUAL SURFACES OF BUILD INDUSTRY

2. Palamarchuk D., PhD, Associate Professor (KNUCA); Moroz O., Student (KNUCA)

BELT CONVEYOR WITH AUTOMATIC POWER CONTROL SYSTEM

3. Nyzhentssev O., PhD, Associate Professor (NTUU «Igor Sikorsky KPI»); Tanich H., Student (NTUU «Igor Sikorsky KPI»)

DYNAMIC LOADS WHEN LIFTING CARGO BY BRIDGE CRANES
DURING BRAKING

4. Diachenko O. graduate Student (KNUCA)

REVIEW AND ANALYSIS OF VIBRATING EQUIPMENT FOR THE
FORMATION OF FLAT REINFORCED CONCRETE PRODUCTS

5. Pristyle M., PhD, Associate Professor (KNUCA); Marchuk K., Postgraduate (KNUCA); Koval E., Student (KNUCA)

REVIEW OF EXISTING DESIGNS OF SINGLE-HULL UNIVERSAL
EXCAVATORS

6. Abrashkevich Y., PhD, Professor (KNUCA); Tishkovets V., postgraduate (KNUCA)

INVESTIGATION OF THE ABILITY OF ABRASIVE ARMED CIRCUITS

7. Bolilyi B., Postgraduate (KNUCA); Korniychuk B., PhD, Associate Professor (KNUCA)

EVALUATION OF EXISTING EQUIPMENT FOR THE FORMATION OF
TUBULAR ELEMENTS

8. Nyzhentssev O., PhD, Associate Professor (NTUU «Igor Sikorsky KPI»); Tereshchenko K., Student (NTUU «Igor Sikorsky KPI»)

CHOICE OF OPTIMAL PARAMETERS FOR MECHANISM OF
MOVEMENT OF THE BRIDGE CRANE

9. Lesko V., Assistant Professor (KNUCA)

SPECIFIC RELIABILITY MODELS OF HYDRAULIC DRIVES OF MACHINES

10. Lesko V., Assistant professor (KNUCA); Demidov Y., Student (KNUCA); Verega I., Student (KNUCA)

THE BASIC PRINCIPLES OF THE SYSTEM OF CORPORATE SERVICE OF CONSTRUCTION MACHINERY

SECTION 6.

Organization, economics and management in construction

1st of Desember, 2017, aud. 503

- 10:00 – Sectional meeting
- 14:00 – Lunch
- 15:00 – Second plenary meeting

1. Moholivets A., Graduate Student (KNUCA); Bielienkova O., PhD, Associate Professor (KNUCA)

GENESIS AND EVOLUTION OF THEORIES OF ECONOMIC CYCLE

2. Zel'tser R., PhD, Senior Researcher (KNUCA); Dubinin D., Postgraduate (KNUCA)

INNOVATIVE SYSTEM OF FORMALIZING PROCESSES OF ORGANIZATION OF CONSTRUCTION

3. Vlasenko T., Postgraduate (KNUCA)

ENGINEERING AND ITS CURRENT STATE IN UKRAINE

4. Stetsenko S., Doctor of Economics, Associate Professor (KNUCA); Belenkov A., Postgraduate (KNUCA)

RAIDING FACTORS AS A KEY THREAT OF ECONOMIC SAFETY OF CONSTRUCTION ENTERPRISES

5. Litvinenko O., Postgraduate (KNUCA)

INFLUENCE OF SEASON COLLARS ON BUILDING PARAMETERS

6. Shovkivska V., Postgraduate (KNUCA)

FORMATION OF ECONOMIC CLUSTERS

7. Shebek M., PhD, Professor (KNUCA); Dubynka O., Graduate Student, (KNUCA)

ORGANIZATIONAL AND TECHNOLOGICAL MODELS OF MANAGEMENT OF THE MAIN CONSTRUCTION ACTIVITY AND MANUFACTURING SYSTEMS

8. Kochadikova A., Postgraduate (KNUCA); Bondar O., Doctor of Economics, Professor (KNUCA)

FORMATION OF A MECHANISM FOR PROVIDING INNOVATIVE DEVELOPMENT OF CONSTRUCTION ENTERPRISES

9. Bielova A., (INNO of KNUCA); Bondar O., Doctor of Economics, Professor (KNUCA)

MODERN TRENDS OF PRODUCTION AND ECONOMIC SYSTEMS IN THE CONTEXT OF ENSURING BALANCED OPERATION

10. Mykytas M., PhD, Doctoral Student (KNUCA)

IMPLAMENTATION OF REGIONAL AND BRANCH CLUSTERIZATION IN UKRAINE

SECTION 7.
Information Technology
1st of Desember, 2017, aud. 347

10:00 – Sectional meeting
14:00 – Lunch
15:00 – Second plenary meeting

3. Medynska T., Postgraduate (KNUTE)

ERP-SYSTEMS FOR SMALL AND MEDIUM BUSINESS

4. Chuprina Kh., PhD, Associate Professor (KNUCA)

MECHANISMS OF VISUAL ENERGY CONSERVATION MANAGEMENT
IN BUILDING COMPLEX

5. Stolyarchuk I., PhD, Associate Professor (KNUTE); Brechko D., Postgraduate (ZNU)

INTEGRATION OF ERP-SYSTEMS: MAIN STAGES AND RESULTS

6. Rassamakin V., PhD, Associate Professor (KNUCA); Bashtoviy Ev., Student (KNUCA)

THREE-DIMENSIONAL IMAGING OF THE OBJECTS BY MEANS OF
THE MODERN SOFTWARE

7. Rassamakin V., PhD, Associate Professor (KNUCA); Shcherbacheko B., Student (KNUCA)

RECONSTRUCTION OF THREE-DIMENSIONS OF MUSEUM
EXPONENTS

8. Kontsevyi V., Student (KNUCA); Voitenko O., PhD, Associate Professor (KNUCA)

FEATURES OF THE PROJECT APPROACH APPLICATION IN
SOFTWARE DEVELOPMENT PROJECTS OF 2D AND 3D MODEL
REPRODUCTION

9. Bereziuk O., Student (KNUCA); Voitenko O., PhD, Associate Professor (KNUCA)

FEATURES OF PROJECT MANAGEMENT OF DEVELOPING WEB
PORTAL WITH INFORMATION ABOUT PROJECT MANAGERS

10. Tsutsura M., PhD, Associate Professor (KNUCA); Panasenko Ya., Student (KNUCA); Kovtun K., Student (KNUCA); Kliches V., Student (KNUCA)

INNOVATIVE MANAGEMENT IN EDUCATION: ESSENCE, FUNCTIONS,
MEANS

11. Honcharenko T., Senior Lecturer (KNUCA); Tarandyuk M., Student (KNUCA)

METHODS OF CALCULATING THE VOLUME OF EXCAVATION ON
THE CONSTRUCTION SITE

SECTION 8.

Historical, socio-cultural, political, legal and philosophical aspects of architecture and construction development

1st of Desember, 2017, aud. 116

- 10:00 – Sectional meeting
14:00 – Lunch
15:00 – Second plenary meeting

1. Rybalka M., Student (KNUCA); Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA)

THE INFLUENCE OF MODERN UKRAINIAN LITERATURE ON NATIONAL SELF-CONSCIENCE

2. Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA); Ryabushev N., Student (KNUCA)

WELCOME ON THE FIRST FILM TO KHARKIV

3. Shabunovich V., Student (KNUCA); Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA)

THE ROLE OF THE HUSBAND AND WIFE, BOGDAN AND VARVARA KHANENKO, IN THE UKRAINIAN HISTORY

4. Semenickaya K., Student (KNUCA); Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA)

POST-WAR REBIRTH OF CULTURE IN UKRAINE 1940-1950

5. Savchuk A., Postgraduate (LPNU)

CONCEPT "RECREATIONAL ARCHITECTURE OF THE CARPATHIAN REGION"

6. Nechuporenko V., Student (KNUCA); Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA)

HAYDAMAK UPRISING OF THE 17TH CENTURY AND THE PEASANT WAR OF THE 17TH CENTURY: REASONS.

7. Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA); Marchuk Y., Student (KNUCA)

PROVIDING UKRAINIAN MINORITIES IN HUNGARY WITH EDUCATIONAL SERVICES IN THEIR NATIVE LANGUAGE

8. Zhelnio D., Student (KNUCA); Derevinskiy V., Doctor of Historical Sciences, Professor (KNUCA)

THE CHANGES IN THE ARCHITECTURE IN THE TIME OF MYKYTA KHRUSHCHOV'S AURHORITY

9. Havryliuk J., Student (KNUCA); Derevinskyi V., Doctor of Historical Sciences, Professor (KNUCA)

ZHUDUCHUN MONASTERY IN THE CONTEXT OF UKRAINIAN CULTURAL LIFE

10. Panibudlaska A., Student (KNUCA); Malashenkova S., Student (KNUCA); Buryak Y., associate professor (KNUCA)

POLITICAL AND LEGAL BASE OF THE GAS STATION CONSTRUCTION IN UKRAINE

SECOND PLENARY MEETING

1st of Desember, 2017, aud. 466

15:00 – Second plenary meeting. Conference resolution adoption and closing

ROUND TABLE: Modern organizational and technical problems in construction and architecture. Advanced constructional and technical engineering solutions. Results of the Conference.