

Ministry of Education and Science of Ukraine
Ministry of Regional Development, Construction,
Housing and Communal Services of Ukraine
Kyiv City State Administration
National Aviation University
Academy of Construction of Ukraine
National Union of Architects of Ukraine
Ukrainian Academy of Architecture



I International Scientific and Practical Congress
«URBAN ENVIRONMENT - XXI century» -
«Architecture. Civil Engineering. Design»

10-14 February 2014 y.
NATIONAL AVIATION UNIVERSITY
Institute of Airports Ukraine,
Ukraine, Kyiv, aven. Cosmonaut Comarova,1

INVITATION

Organizing Committee

Chairman of the Organizing Committee:

Vladimir Petrovich Kharchenko – Doctor of Engineering, Professor, Vice-Rector on Scientific Research Work of the National Aviation University (NAU)

Deputy Chairmen of the Organizing Committee:

Oktyabrina Vladimirovna Chemakina – Candidate of Architecture, Professor, Director of the Institute of Airports (IA) of the NAU

Andrii Aleksandrovich Bieliatynskii – Doctor of Engineering, Professor, Deputy Director for Research of the Institute of Airports (IA) of the NAU

Members of the Organizing Committee:

Gennadiy Karpovich Zlobin – President of the Academy of Construction of Ukraine;

Vladimir Nikolayevich Gusakov – President of the National Architect Union of Ukraine;

Igor Anatolyevich Sokolov – Director of the Urban-Planning , Area-Planning and Architecture Department within the Ministry of Regional Development, Construction, Housing and Communal Services of Ukraine

Sergey Anatolyevich Tselovalnik – Director of the Urban-Planning and Architecture Department of the Kiev’s City State Administration – Chief Architect;

Valentin Grigoryevich Shtolko – President of the Academy of Architecture of Ukraine

Program Committee

Chairman of the Program Committee:

Vladimir Petrovich Kharchenko – Doctor of Engineering, Professor, Vice-Rector on Scientific Research Work of the National Aviation University (NAU)

Deputy Chairmen of the Program Committee:

Oktyabrina Vladimirovna Chemakina – Candidate in Architecture, Professor, Director of the Institute of Airports (IA) of the NAU

Andrii Aleksandrovich Bieliatynskii – Doctor of Engineering, Professor, Deputy Director for Research of the Institute of Airports (IA) of the NAU

Members of the Program Committee:

- **Yuriy Aleksandrovich Doroshenko** – Doctor of Engineering, Professor, NAU
- **Alexsander Ivanovich Lapenko** – Doctor of Engineering, Professor of the NAU Department
- **Kateryna Viktorovna Krayushkina** – Doctor of Technological Sciences, NAU
- **Iryna Alekseyevna Kuznetsova** – Doctor of Arts, Professor, NAU
- **Olena Pavlovna Oliylyk** – Doctor of Architecture, Professor, NAU
- **Mariia Sergeevna Barabash** – Candidate in Science, NAU
- **Olena Anatolyevna Troskina** – Candidate of Architecture, Associate Professor, NAU

To participate in the Congress are invited senior officials of ministries and agencies, regional and city administrations, representatives of municipal formations scientific-research and design institutes, public organizations, architects, urban planners, designers, artists, urbanites, teachers, doctoral and students of art and architecture and civil construction universities of Ukraine, CIS countries, the Baltic States, and abroad.

The purpose of the Congress:

- discussion of problems and ways of formation and development of the urban environment in modern conditions
- improving the work of the executive authority in the field of urban development and housing and communal services, ecology and energy saving;
- realization of strategy of development of transport infrastructure in human settlements;
- solving the problems associated with the renovation and rehabilitation of disorders of the urban environment
- using modern information technology in the organization of urban space;
- exchange of knowledge and experience in the field of architecture, construction and design.

The main thematic areas of Congress

1. Symposium «Rehabilitation and greening the urban environment impaired»:

- methodology for rehabilitation of disturbed urban environment;
- theory and practice of urban use of disturbed cities' areas;
- environmental rehabilitation of the urban environment.

2. Symposium «Information technology in the architectural design of the urban environment»:

- the urban environment development problems;
- theory, methodology and practice of the architectural design of the urban environment;
- practical experience in the application of information technology in the organization of the urban environment;
- information of architecture and civil construction education;
- arcology of the urban environment;
- ecology of the urban environment

3. Symposium «The transport infrastructure of the city»:

- transport in the modern city system;
- organization and safety of urban traffic
- urban traffic.

4. Symposium «Renovation of the urban environment»:

- reconstruction of the first large-scale series building;
- innovative manners and methods for strengthening building structures;
- computer technologies design and calculation of buildings and structures in the modern town;
- numerical modeling of buildings and structures of airports.

5. Symposium «Computer technologies in architecture and construction»:

- computer technologies in construction strength analysis for modern buildings and structures;
- bundled software integration in architecture and construction;
- computer modeling of buildings and structures;
- analysis of emergencies and features of tower analysis, design, erection and working;
- reinforced steel-concrete constructions: design and analysis technologies;
- design and analysis methods for structures in seism dangerous regions;
- architectural and structural engineering systems of CAD: application, possibilities, prospects

6. Symposium «Modern design of human environment»:

- tendencies of the modern environment design;
- industrial design in new conditions;
- graphic design of the urban environment;
- formalization methods for industrial art of human environment problems

7. Symposium «Innovative building materials and nanotechnology in urban environment»:

- development of information technologies in structural engineering and architecture;
- highways: construction and working. Modern materials and technologies;
- materials and technologies for reconstruction of buildings and structures;
- building constructions, bases and foundations;
- scientific and technical achievements in sphere of environmental protection and safety of life ability;
- architecturally-design problems of urban environment formation;
- materials for modern landscape design of urban environment;
- nanotechnologies and materials in construction;
- energy saving and power efficiency in construction;
- construction economics;
- hydraulics, water supply and water removal;
- materials technology and technology of building products

8. Symposium «City interior»:

- styles and stylization in interior design;
- interior design theory and practice;
- interior of city spaces.

9. Symposium «Arts synthesis in urban environment»:

- monumental art in urban environment;
- architectural environment stage adaption;
- urban environment semantics.

The subjects of discussed questions can be expanded in process of receipt of demands in organizing committee. It is planned to organize an exhibition of modern technologies, design and technical decisions, excursions to significant town-planning objects of capital of Ukraine.

The collected report theses is planned to publish prior to the beginning of Congress work. Articles will be published in the special edition «**Problems of urban environment development**». Edition dispatch - to the addresses specified in application forms for participation in the Congress.

Participation conditions

For participation in the Congress it is necessary to direct to organizing committee:

- registration form;
- the report theses must be printed in one copy and recorded on a floppy disk or CD;
- article must be printed in one copy and recorded on a floppy disk or CD.

Number of publications by a single author (co-author) – no more than two.

The Organizing Committee is entitled to select the reports and articles for publication and technical correction.

Cost of Participation

Personal participation:

- **basic cost – 800,00 UAH (100,00USD)**. It covers organization services, meals (lunches, gala-dinner), excursion services, a set of information and presentation materials.
- publication of the reports and articles should be paid additionally at a rate **25,00UAH (3,00USD)** per page.

Personal participation cost should be covered upon arrival in Kiev.

- distant participation (poster report). The participation cost is calculated by number of pages of the report or the article at a rate **25,00UAH (3,00USD)** per page. The payment details will be available after the receipt of the application.

If required hotel information on the Kiev city area may also be available to the participants.

Important Dates

Invitation Mailout – **up to 10.11.2013**.

Reception of the applications, report outlines and article texts – **up to 10.11.2013**.

Official Languages

Ukrainian, Russian, English

Requirements for formatting manuscript theses

Volume – **1 page**, A4-sized with 20 mm margins. Text is to be typed in Microsoft Word, Times New Roman font, 12 pt, interline spacing – 1,0. The author's name and initials as well as further information (such as scientific level, scientific degree, name of institution, city, country) should be placed in the upper right-hand corner.

Title of the abstract should briefly display the main idea, the thought, the provisions.

Sequence of presentation content: relevance, problems, problems in the state of development of science and practice, the basic idea, the provisions conclusions of the study, the main results and their practical significance.

The file number should match the symposium number, sort of publication, name of the first author printed in Latin letters, name of organization (educational institution), for instance: **6-theses-kuznetsova-NAY.doc**.

The structure of the article for publication

Required structural elements: a description of the problem in common sense and its matching with the major research programs and practical tasks, a brief analysis of research and publications, which discuss this issue and to which the author refers, the selection of outstanding issues or problems that are the focus of the article, the purpose of article (problem); basic material research with the justification of scientific results, conclusions and prospects for future research in this direction.

Requirements for articles

The article typescripts should be made on A-4 sized sheets with the following margins: top – 20 mm, left and right side – 25 mm, bottom – 25 mm. They must be submitted in electronic form (Microsoft Word file or similar) with Times New Roman font 14 pt. formatted within 245x170 mm pattern with 1,1 pt. (entered in a «multiplier» position). The volume of the article not less **6 pages**.

Every article shall have its own index (conditional document code) which is to be placed in an upper left-side corner. The authors' names and their respective initials, titles and degrees are to be placed right-sided.

The title of the article should be typed in 14 p.-sized capitals, bold type, and centered. One line above and below the title should be left empty.

The annotation made in the same language as the material contained (typed in 12 pt. font) and which includes the keywords should be placed below the title and the subtitle information.

The text of an article must clearly outline the status of the problem, its actuality and newness as well as the author (authors') personal contribution into the given investigation.

The drawings and formulas should be embedded in electronic text by the author and be clearly recognised within the format of publication pages (actually within A-5 sized sheet after the corresponding reduction of the text within A-4 format).

The publication is printed in a black and white form (uncolored) therefore all drawings, graphs, diagrams etc. should have proper indication marks, be clear and easy to understand.

Following the article text the accompanying numbered bibliographic lists must be added in accordance with applicable norms and requirements.

The bibliographic list is to be followed by the annotations and keywords in English and in one more language different from the original article language – Russian or Ukrainian.

The author of the article shall be solely responsible for its contents.

The file number should match the symposium number, sort of publication, name of the first author printed in Latin letters, name of organization (educational institution), for instance: **6-statia-kuznetsova-NAY.doc**.

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