

**Ministry of Education and Science of Ukraine
Ministry of Development of Communities and Territories of Ukraine
Kharkiv National University of Civil Engineering and Architecture
Kharkiv Regional Territorial Branch of the Academy of Civil Engineering of Ukraine
Research Institute of Building Production named after V.S. Balitsky
State Research Institute of Building Structures
SCAD SOFT Research and Production Company
LIRA-SAPR company
PrJSC UKRHYDROPROJECT
SE GIPROKOKS
TOV NAVIGATION AND GEODETIC CENTER, LLC
TOV VEK-YUA, LLC**

**First All-Ukrainian Scientific and Practical Conference
(with the participation of foreign experts)**

BIM TECHNOLOGIES IN CONSTRUCTION: EXPERIENCE AND INNOVATIONS

18 to 19 March 2021



Kharkiv

Dear colleagues,

We are pleased to invite you to take part in our First All-Ukrainian Scientific and Practical Conference “BIM Technologies in Construction: Experience and Innovations” with the participation of foreign experts, which will take place from 18th to 19th March 2021 at Kharkiv National University of Civil Engineering and Architecture (KhNUCEA).

Several workshops will be held in the following areas:

- 1. Challenges in Building Information Modeling.*
- 2. BIM Technologies in Architectural and Construction Design and Calculations.*
- 3. BIM Technologies in Organizational and Technological Solutions in Construction.*
- 4. BIM and Geoinformation Technologies in Construction.*
- 5. BIM Management in Construction Project Lifecycle Management.*
- 6. BIM Education in Educational Institutions for Architecture and Civil Engineering.*
- 7. Smart City in Ukraine: from BIM to CIM.*

**THE CONFERENCE WILL BE HELD
IN A HYBRID ONSITE AND ONLINE MODE**

(The onsite conference will take place in the conference hall at Kharkiv National University of Civil Engineering and Architecture, auditorium 418)

Participation in the conference is FREE.

Website of the conference:

<https://bim.kstuca.kharkov.ua>

Conference languages: Ukrainian, English.

Organizing and Scientific Committee of the Conference:

Cherednik Dimitry Leonidovych, Candidate of Technical Sciences, Rector of KhNUCEA (Chairman);

Goncharenko Dmytro Fedorovych, Doctor of Technical Sciences, Prorector (Vice-Rector) for Research and Pedagogical Work of KhNUCEA (Co-Chairman);

Shumakov Igor Valentynovych, Doctor of Technical Sciences, Head of the Department of Building Production Technology, KhNUCEA (Co-Chairman);

Butnik Svitlana Volodymyrivna, Candidate of Technical Sciences, Associate Professor at the Department of Building Production Technology, KhNUCEA (Executive Secretary);

Voskobiynyk Olena Pavlivna, Doctor of Technical Sciences, Acting Director General of the Directorate of Technical Regulation in Construction of the Ministry of Regional Development of Ukraine;

Farenjuk Gennady Grygorovych, Doctor of Technical Sciences, Director of State Research Institute of Building Structures;

Grigorovsky Petro Yevgenovych, Doctor of Technical Sciences, Acting Director of Research Institute of Building Production named after V.S. Balitsky;

Kryksunov Eduard Zinoviiovych, Candidate of Technical Sciences, Director of SCAD SOFT Research and Production Company;

Barabash Maria Sergiivna, Doctor of Technical Sciences, General Director of LIRA-SAPR company;

Vaynberg Oleksandr Isaakovych, Doctor of Technical Sciences, Deputy General Director of PrJSC UKRHYDROPROJECT;

Kravchenko Oleksandr Mykhaylovych, Candidate of Technical Sciences, Deputy Director for Research and Technical Work at SE GIPROKOKS;

Gorb Oleksandr Ivanovych, Candidate of Technical Sciences, Director of TOV NAVIGATION AND GEODETIC CENTER, LLC;

Semionichev Yegor Yuriiovych, Director of TOV VEK-YUA, LLC;

Kabus Oleksiy Vasyliiovych, Candidate of Technical Sciences, Head of the Research and Development Sector at KhNUCEA;

Samorodov Oleksandr Vitaliiovych, Doctor of Technical Sciences, Head of the Department of Geotechnics, Underground and Hydrotechnical Structures at KhNUCEA;

Fomenko Oksana Oleksiivna, Doctor of Architecture, Head of the Department of Innovative Technologies of Architectural Environment Design at KhNUCEA;

Danilov Sergiy Mykhaylovych, Doctor of Architecture, Head of the Department of Fine and Decorative Arts at KhNUCEA;

Vinogradov Vitaliy Volodymyrovych, Assistant Lecturer of the Department of Structural and Theoretical Mechanics at KhNUCEA, General Director of TOV BIMPRUV, LLC.

Procedure:

18 March 2021

9:00 - 10:00 Registration of participants

10:00 - 15:00 Plenary session

19 March 2021

10:00 - 16:00 Conference workshop sessions

16:00 Closing

Plenary Session

1. Concept of Implementation of BIM Technologies in Ukraine. Roadmap for Practical Implementation.

Voskobiynyk Olena Pavlivna, *Acting Director General of the Directorate of Technical Regulation in Construction of the Ministry of Regional Development of Ukraine.*

2. Experience and Prospects of Passing the Examination of Project Documents for Construction in BIM Format.

Berendeeva Olena Vasylivna, *Director of SE UKRDERZHBUDEKSPERTYZA.*

3. Using Laser Scanning for BIM Model Control.

Gorb Oleksandr Ivanovych, *Director of TOV NAVIGATION AND GEODETIC CENTER, LLC.*

4. BIM as an Integral Part of Large Projects in the US Market: Approaches, Experience, Benefits.

Malyarenko Vyacheslav Oleksandrovysh, *BIM Manager at TOV VEK-YUA, LLC.*

5. Concept of Introducing BIM Technologies in the Educational Process at KhNUCEA in Specialty 192 Construction and Civil Engineering.

Spirande Karina Vitaliyivna, *Guarantor of the educational program in specialty 192 Construction and Civil Engineering, Associate Professor of the Department of Reinforced Concrete and Stone Structures at KhNUCEA.*

Gerasimenko Volodymyr Vitaliyovych, *Head of the Department of Graphics at KhNUCEA.*

6. SMART CITY: BIG DATA Management Concept in Architecture and Urban Planning.

Fomenko Oksana Oleksiivna, *Head of the Department of Innovative Technologies of Architectural Environment Design at KhNUCEA.*

Danilov Sergiy Mykhaylovych, *Head of the Department of Fine and Decorative Arts at KhNUCEA.*

Vinogradov Vitaliy Volodymyrovych, *Assistant Lecturer of the Department of Structural and Theoretical Mechanics at KhNUCEA, General Director of TOV BIMPRUV, LLC.*

Conference papers will be published in the electronic collection of conference abstracts and published on the official website of the university. Each participant will receive a certificate of participation in the conference.

In addition to abstracts, conference participants may publish an article (5 to 12 pages) in the scientific professional publication “Scientific Bulletin of Construction”; the terms of publication can be found on the website:

<https://vestnik-construction.com.ua>

To participate in the conference you are requested to send the following to bim@kstuca.kharkov.ua by **March 10, 2021**

- **Participant's application** (fill in the table below);
- **Abstracts:** Word, A4, Times New Roman, size 14, interval 1; all fields 20 mm; paragraph 1.25; without transfers; minimum volume of 1 page;

You are kindly requested to name the files according to the last name of the first author, for example: “Rudenko abstracts”, “Rudenko application”. **Abstracts will be accepted after the review procedure.** The collection of conference abstracts and the certificate of participation in electronic form will be sent to the participants after the event.

The organizing committee of the conference would greatly appreciate if you could share this information among your colleagues who are interested in participating in the conference.

Address of the Conference organizing committee:

Kharkiv National University of Civil Engineering and Architecture:
Sumska street, 40, Kharkiv, 61002, Ukraine.

For further inquiries, please contact:

Goncharenko Dmytro Fedorovych , Co-Chairman of the Organizing Committee	(057) 700 02 40
Shumakov Igor Valentynovych , Co-Chairman of the Organizing Committee	(097) 941 33 28
Butnik Svitlana Volodymyrivna , Executive Secretary	(050) 561 56 97

E-mail: bim@kstuca.kharkov.ua

**Application Form for Participation in Scientific and Practical Conference
BIM TECHNOLOGIES IN CONSTRUCTION: EXPERIENCE AND
INNOVATIONS
18 to 19 March 2021**

Full Name	
Academic degree	
Academic rank	
Institution (full name, city)	
Position	
Workshop name and number	
Paper title	
Work address	
Phone	
E-mail	
Publication of abstracts	Intended
	Not intended