Organizational Fee

There is no organizational fee for symposium participants.

Deadline

Applications and abstracts must be submitted by December 2, 2024.

Address of the Scientific Committee

R&D SCAD Soft Ltd., 03037, Kyiv, 3a Osvity street
Tel.   +38 044 249 71 93   +380 66 687 08 06
e -mail: http://www.scadsoft.com   ktb@npp.nau.edu.ua

To Partners and Sponsors

The Scientific Committee of the International Scientific-Technical Symposium "Current Issues in the Design and Analysis of Building Structures" invites design organizations, engineering, and technology companies to collaborate and exchange expertise.

Submission Guidelines for Abstracts

The abstract must be print-ready in Microsoft Word format. Document margins should be 2 cm; paragraph indentation – 1 cm; font – Times New Roman, size 11; line spacing – single. Formulas must be prepared using MathType or Equation 3.0, and illustrations should be of high quality.

Guidelines for Abstract Structure

Introduction – relevance of the topic, formulation of the problem, analysis of recent research and publications that have begun to address this issue and serve as a basis for the author's work, identification of previously unresolved issues of the overall problem the abstract is dedicated to.

Purpose of the Work – formulation of the problem in general terms and its connection to important scientific or practical tasks.

Presentation of the Main Material of the Research – description of the theory, methods, and research models, substantiating the obtained scientific results and their discussion.

Conclusions of the research findings and their future prospects in the selected area.

Research and Development SCAD Soft Ltd.

Institute of Structural Mechanics, Kyiv National University of Construction and Architecture (KNUCA)
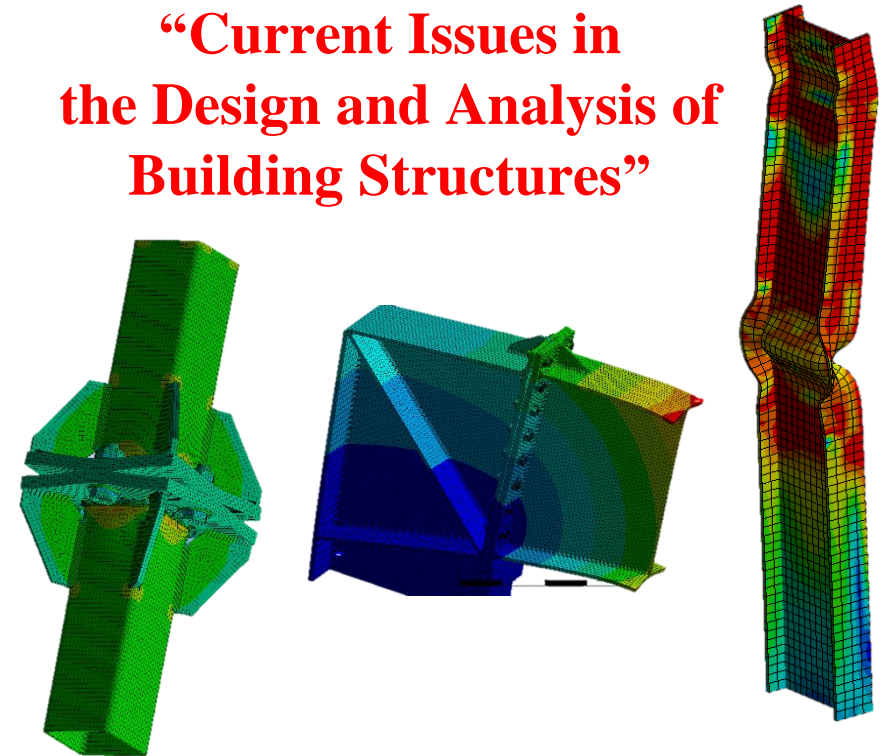
Department of Construction Computer Technologies, National Aviation University (NAU)

INVITATION
to the International Scientific-Technical Symposium

"Current Issues in the Design and Analysis of Building Structures"

Kyiv – December, 2024

Dear colleagues!

The full-scale invasion of russia into Ukraine has diminished the public aspect of scientific activity, hindering and complicating contacts among researchers. However, the scientific activity of Ukrainian researchers has not stopped; research continues, as does work on its implementation. We have decided that it is time to return to the good tradition interrupted by the pandemic and war, and we invite you to participate in the scientific-technical symposium "Current Issues in the Design and Analysis of Building Structures", which will take place in a hybrid format at SCAD Soft Ltd.

Scientific Committee

Chairman:

Perelmuter A.V. – D.Sc., R&D SCAD Soft Ltd.;

Vice-Chairmen:

Lizunov P.P. – D.Sc., Prof., Kyiv National University of Construction and Architecture;

Makhinko A.V. – D.Sc., Prof., National Aviation University;

Members of the Scientific Committee:

Bilyk S.I. – D.Sc., Prof., Kyiv National University of Construction and Architecture;

Vatulia G.L. – D.Sc., Prof., O.M. Beketov National University of Urban Economy in Kharkiv;

Hordeev V.M. – D.Sc., Prof., V.N. Shimanovsky Ukrainian Institute of Steel Construction;

Klymenko Ye.V. – D.Sc., Prof., Odessa State Academy of Civil Engineering and Architecture;

Kochkarev D.V. – D.Sc., Prof., National University of Water and Environmental Engineering;

Kriksunov E.Z. – C.Sc., R&D SCAD Soft Ltd.;

Pichugin S.F. – D.Sc., Prof., National University "Yuri Kondratyuk Poltava Polytechnic";

Semko V.O. – D.Sc., Prof., Poznan University of Technology;

Farenyuk G.G. – D.Sc., Prof., State Research Institute of Building Constructions.

Secretary of the Scientific Committee:

Horb Oleksandr Hryhorovych – C.Sc. Assoc. Prof., department of Construction Computer Technologies (NAU), tel. +380 66 687 08 06.

Symposium Program

It is proposed to consider a number of important issues related to the formation, justification, and software implementation of design models of load-bearing structures, focusing on the following topics:

- physical, geometric and structural nonlinearity;
- analysis of structural behavior under impact and explosive loads;
- assessment of viability and stability in the progressive collapse analysis;
- BIM technology: expectations, achievements and unresolved issues;
- reliability and safety standards, risk analysis;
- achievements and expansion of software capabilities to address new design tasks;
- related issues in construction design.

Working languages: Ukrainian, English.

The abstracts will be posted on the SCAD Soft website. Research recommended by the scientific committee may be published in a collection of papers indexed in Scopus.

Conditions for Participation

To participate in the international scientific-technical symposium, the following materials must be submitted to the scientific committee on time:

- an application for participation indicating the title of the research;
- an author's bio with contact information;
- an electronic version of the abstract in Ukrainian or English, formatted according to the requirements and sent to ktb@npp.nau.edu.ua ;

The abstracts will be published only after the scientific materials are reviewed and a positive decision is made by the scientific committee.