

APPLICATION FORM

The Second International Science and Technology Conference
**DYNAMICS, STRENGTH AND MODELLING IN
MECHANICAL ENGINEERING**
05-08 October 2020, Kharkiv, Ukraine

Report Title _____

Author(s) _____

Topic Title _____

Information on each of participants (authors)

Last Name _____

First Name _____

Middle Name _____

Title, Academic Degree _____

Position _____

Affiliation _____

Postal Address _____

Accommodation _____

Phone _____

Fax _____

E-mail _____

Participation (full time, external) _____

Report Type (*plenary lecture, short report, poster
presentation*) _____

Date _____ 2020. Signature _____

PROGRAM COMMITTEE

Stoyan Yu.G. – Chair, Corr. Member of NASU (IPMash of NASU, Ukraine)
Avramov K.V. – Co-Chair, Prof., DSc. (IPMash of NASU, Ukraine)
Smetankina N.V. – Co-Chair, DSc. (IPMash of NASU, Ukraine)
Garmash N.V. – Scientific Secretary of the Conference, PhD (IPMash of NASU, Ukraine)

Scientific Program Committee

Bobyr M.I. – Corr. Member of NASU (Igor Sikorsky KPI, Ukraine)
Homeniuk S.I. – Prof., DSc. (ZNU, Ukraine)
Grigorenko O.Ya. – Prof., DSc. (IMech of NASU, Ukraine)
Grischak V.Z. – Prof., DSc. (ZNU, Ukraine)
Gubarev V.F. – Corr. Member of NASU (SRI NASU and SSAU, Ukraine)
Hudramovych V.S. – Corr. Member of NASU (ITM NAS and SSAU, Ukraine)
Dmytryk V.V. – Prof., DSc. (NTU “KhPP”, Ukraine)
Zinkovskiy A.P. – Prof., DSc. (IPS of NASU, Ukraine)
Klimenko D.V. – PhD (Yuzhnoye State Design Office, Ukraine)
Kostikov A.O. – Corr. Member of NASU (IPMash of NASU, Ukraine)
Kurpa L.V. – Prof., DSc. (NTU “KhPI”, Ukraine)
Levchenko Ye.V. – PhD (PJSC Turboatom, Ukraine)
Lugovyy P.Z. – Prof., DSc. (IMech of NASU, Ukraine)
Lvov G.I. – Prof., DSc. (NTU “KhPP”, Ukraine)
Marchenko A.P. – Prof., DSc. (NTU “KhPP”, Ukraine)
Marchuk M.V. – Prof., DSc. (Pidstryhach IAPMM of NASU, Ukraine)
Maksimenko-Sheiko K.V. – DSc. (IPMash of NASU, Ukraine)
Matsevyty Yu.M. – Academician of NASU (IPMash of NASU, Ukraine)
Myslovych M.V. – Prof., DSc. (IED of NASU, Ukraine)
Ostash O.P. – Prof., DSc. (Karpenko PMI of NASU, Ukraine)
Pismenyi V.I. – PhD (SE Ivchenko-Progress, Ukraine)
Plankovskyy S.I. – Prof., DSc. (KhAI, Ukraine)
Sirenko V.M. – PhD (Yuzhnoye State Design Office, Ukraine)
Skalskyy V.R. – Corr. Member of NASU (Karpenko PMI of NASU, Ukraine)
Stetsuk P.I. – DSc. (GIC of NASU, Ukraine)
Strelnikova O.O. – Prof., DSc. (IPMash of NASU, Ukraine)
Sheyko T.I. – Prof., DSc. (IPMash of NASU, Ukraine)
Fomichev P.O. – Prof., DSc. (KhAI, Ukraine)
Kharchenko V.V. – Academician of NASU (IPS of NASU, Ukraine)
Yavorskyi I.M. – Prof., DSc. (Karpenko PMI of NASU, Ukraine)
Yanchevskiy I.V. – Prof., DSc. (Igor Sikorsky KPI, Ukraine)
Amabili M. – Prof., Ph.D. (McGill Univ., Canada)
Cheng A. – Prof. (Univ. of Mississippi, USA)
Choudhary N. – Prof. (Bennet Univ., India)
El-Sayed A. F. – Prof. (Zagazig Univ., Egypt)
Irretier H. – Prof. Dr.-Ing. (Institute of Mechanics University of Kassel, Germany)
Kiciński J. – Prof., D. Sc., Eng., Corr. Member of the PAS (IMP PAN, Poland)
Krylowich W. – Prof. (Univ. Lodz, Poland)
Legrand M. – Prof. (McGill Univ., Canada)
Pellicano F. – Prof. (Univ. of Modena, Italy)
Pierre C. – Prof. (v.p. of Stevens In. of Techn., USA)
Ravnik J. – Prof. (Univ. of Maribor, Slovenia)
Redondo J. – Prof., D.Sc. (Polytechnic Univ. of Catalonia, Spain)
Sladek J. – Prof. (Inst. of Constructions and Architecture, Slovakia)
Warminski J. – Prof. (Lublin Polytechnics, Poland)

The National Academy of Sciences of Ukraine
Department of Physical and Technical Problems of
Power Engineering
A. Podgorny Institute of Mechanical Engineering
Problems of NAS of Ukraine
National Technical University
“Kharkiv Polytechnic Institute”
Yuzhnoye State Design Office



The 2nd INTERNATIONAL SCIENCE AND
TECHNOLOGY CONFERENCE

**“DYNAMICS, STRENGTH AND MODELLING
IN MECHANICAL ENGINEERING”
(DMM-2020)**

05-08 October 2020, Kharkiv, Ukraine

Kharkiv, Ukraine

DEAR COLLEAGUES!

We invite you to participate at the Second International Science and Technology Conference “Dynamics, Strength and Modelling in Mechanical Engineering” on 05-08 October, 2020. The Conference which will be held at A. Podgorny Institute of Mechanical Engineering Problems of National Academy of Sciences of Ukraine (IPMash of NASU).

The purpose of the Conference is to bring together experts in dynamics and strength of elements of engineering structures for further modelling, analysis and prediction of behavior of mechanical systems, to exchange experience and to stimulate further scientific interaction.

CONFERENCE TOPICS

1. Dynamics, strength and resource of power machines, elements of aerospace techniques and other engineering plants.
2. Application of modern systems of diagnosing, prolongation of maintenance terms of engineering plants.
3. Mathematical and computer simulation in mechanical engineering.
4. Nonlinear dynamics of machines and technological processes.
5. Mechanics of composites and nanostructures.

CONFERENCE PARTICIPATION

To include a report in the Conference Program, participants must, by **September 07, 2020**, fill out the Registration Form on the website (<http://ipmach.kharkov.ua/conferences/conf2020/>) and send abstracts (1 - 4 pages) to the email address of the Organizing Committee (org.dmmvm@gmail.com).

Within the conference the following types of reports are envisaged: plenary reports (up to 25 minutes), section reports (up to 15 minutes) and poster reports (external participation).

Working languages are Ukrainian, Russian, English.

CONFERENCE PROCEEDINGS

The accepted reports are to be published in the Conference Abstracts and will be available for conference participants on the conference website after the meeting.

Requirements to the preparation of abstracts and the template to be used can be found on the conference website under the link <http://ipmach.kharkov.ua/conferences/conf2020/>.

The full texts of the reports approved by the Program Committee are to be published as papers in a special issue of the “Journal of Mechanical Engineering” (IPMash of NASU).

Requirements to preparation of papers can be found under the link <https://journal-me.com/en/information-for-authors/>.

REGISTRATION FEE

Participation in the conference, publication of abstracts and articles is **free**.

Participants pay for accommodation, meals and banquet dinner on their own.

07 September 2020

21 September 2020

05 October 2020

06 October 2020

08 October 2020

KEY DATES

Deadline for Application Form, Abstract and Manuscript submission
Deadline for Dispatch of Invitations and Conference Program
Arrival and registration of conference participants
Opening the Conference
Closing the Conference

HOTELS

Hotel “Meduza”, <http://medusa.kharkov.ua>
Hotel “Kharkiv”, <https://hotel-kharkov.com>
“Tourist” Hotel, <http://hotel-turist.kh.ua/>

ORGANIZING COMMITTEE

E-mail: org.dmmvm@gmail.com

Information on website www.ipmach.kharkov.ua

Fax +38(0572) 94-46-35

Information by phone

+38(057) 349-47-19 – Chair, DSc. Smetankina Natalia
098 369 43 23 Volodymyrivna

+38(057) 349-47-55 – Vice-Chair, PhD Garmash Nataliia
050 730 09 18 Hryhorivna

+38(057) 349-47-92 – Vice-Chair, Shpak Andrii
067 570 75 75 Oleksandrovykh

+38(057) 349-47-55 – Scientific Secretary, PhD
096 963 75 83 Melezhyk Iryna Ivanivna

+38(057)349-47-04 – PhD Misiura Serhii Yuriiiovych
050 984 57 15

+38(057)349-47-18 – Technical Secretary Biblik Iryna
066 301 88 44 Valentynivna

+38(057)349-47-19 – Rudenko Tetiana Mykolaivna
068 068 67 42

Postal address Organizing Committee of the DMM-2020 Conference
A. Podgorny Institute of Mechanical Engineering Problems of NAS of Ukraine
2/10 Pozharsky str.
Kharkiv, 61046, Ukraine