

INFORMATION

Karpenko Physico-Mechanical Institute of the NAS of Ukraine and the Council of Young Scientists and Specialists PMI NAS of Ukraine with the support of the Ukrainian Society of fracture mechanics of materials, Western Scientific Center of the NAS of Ukraine and MES of Ukraine, IEEE West Ukraine, Engineering Center "Techno-Resurs" and the Ukrainian Association of Corrosion hold open scientific and technical conference of young scientists and specialists YSC-2017.

CONFERENCE AIMS

- support of young scientists and specialists from scientific institutions and institutions of higher education of Ukraine to increase their scientific level;
 - exchange of ideas and approaches, approbation of new scientific results, obtaining public speaking experience and protecting the main positions of work.
- Participation in the conference can be taken by young scientists and specialists aged under 35.

THE FOLLOWING THEMATIC SECTIONAL MEETINGS ARE PLANNED:

- mechanics of destruction and durability of materials;
 - corrosion protection of materials;
 - modern problems of materials science;
 - information and diagnostic systems.
- Participants have to submit to the organizing committee:
- application form (until July 31, 2017);
 - text of conference proceedings should not exceed 4 full pages, designed according to requirements (until July 31, 2017).

THE REGISTRATION FEE - 150 UAH

CONFERENCE TOPICS

Fracture mechanics and strength of materials

- determination methods of physical and mechanical properties of materials;
- mathematical models and methods of continuous medium mechanics;
- prediction of the resource of long-term operation objects.

Corrosion protection of materials

- fundamental aspects of structural metals and alloys corrosion;
- methods and technologies for structural materials protection against corrosion and stress corrosion cracking.

Modern problems of materials science

- modern problems of materials science, the latest materials and technologies;
- hydrogen technologies in materials science;
- tribology and tribological reliability.

Information and diagnostic systems

- physical fields in heterogeneous environments;
- numerical and analytical-numerical methods for solving applied problems;
- mathematical models of signals and systems;
- image processing and image recognition;
- diagnostics of materials and constructions, diagnostic systems;
- information technologies;
- methods and tools of measurement, monitoring and analysis of environmental parameters.

The best reports will be awarded and authors will be invited to prepare papers for publication in the journal "Physicochemical mechanics of materials" ("Materials Science", Impact Factor 0,187) or in the journal "Information Selection and Processing".

PROGRAM COMMITTEE

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Roman M. Dzhala, D.Sc.
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Ivan M. Zin, D.Sc.
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Iryna B. Ivasenko, Ph.D.
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REQUIREMENTS FOR REPORTS

Text of the report have to be prepared using Microsoft Word Editor, font - Times New Roman (TNR) with a single interval. The page format is A5 (148 × 210 mm); fields: left - 20 mm, right - 13 mm; upper - 20 mm, bottom - 18 mm. From edge to top and footer - 12 mm.

THE ORDER OF THE REPORT TEXT

Section	Paragraph format
Report Title	11 pt, CAPITAL, centered
Surnames and the initials of the authors	11 pt, centered
Full institution name	10 pt, centered
Annotations in Ukrainian and in English (up to 500 characters)	9 pt, justify
Text	10, justify, para 1 cm
Signatures for figures	9 pt, centered
Table number. Title	9 pt, right
References	9 pt, <i>italic</i> , list

*After each section, a single line is indented

Minimum line thickness in figures 1 pt, symbol size 10 pt. Figures have to be with a separate ability 300 dpi and possibility for recognizing in grey scale. Formulas have to be center with numeration on the right side. Dial using MathType.

FORMULAS PARAMETERS

	Kegel	Style	Font
Full	10 pt	Text, Function	TNR, upright
Subscript /Superscript	10 pt	Sub-subscript	TNR, <i>italic</i>
Sub-subscript	8 pt	Matrix Vector	TNR, bold
Symbol	16 pt	Number	TNR, upright
Sub-symbol	14 pt	Other	Symbol

To prepare the text of report you can use Sample, which is hosted on the web-page:

www.ipm.lviv.ua/vsc2017

Materials have to be sent to the address of the organizing committee

pminasu.vsc@gmail.com

APPLICATION

Authors
Fullname

Scientific degree

Position (department)

Institution

Institution Address

Phone

E-mail

Report Title

Problem

Application form has to be sent to the e-mail address of the organizing committee

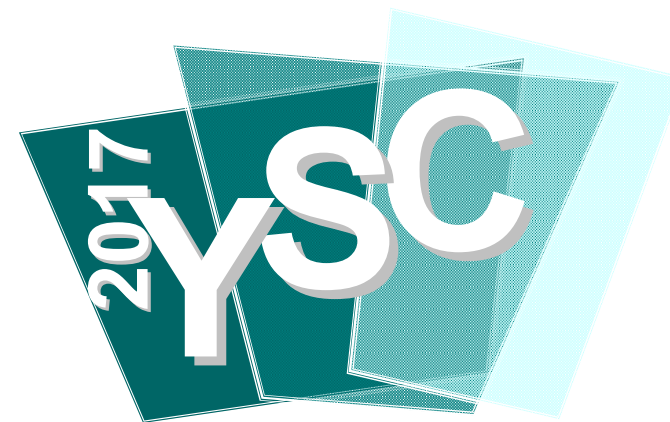
pminasu.vsc@gmail.com

CONFERENCE LOCATION

The Conference will be held on
27-29 September 2017
at the Karpenko Physico-Mechanical Institute
of the National Academy of Sciences of Ukraine
79060, Lviv, Naukova street, 5



NATIONAL ACADEMY OF SCIENCES OF
UKRAINE
KARPENKO PHYSICO-MECHANICAL
INSTITUTE
COUNCIL OF YOUNG SCIENTISTS AND
SPECIALISTS



**XXV OPEN SCIENTIFIC AND
TECHNICAL CONFERENCE
OF YOUNG SCIENTISTS
AND SPECIALISTS
IPM NAS OF UKRAINE
YSC - 2017**

27-29 September 2017
Lviv, Ukraine