

## MANUSCRIPT PREPARATION

12.5 UDC 621.73.06-52  
↔ Empty line

Petrov I. I.

Empty line

### INVESTIGATION OF THE PROCESSES FIGURED FEEDING BIKES

12.5 Empty line

Using of the processes forging ...  
The purpose of the work is ...  
As a general form of load of forging process is used [1]:

$$P = p \cdot F$$

(1)

$p$  – pressure of technical process, MPa;  
 $F$  – the contact area of workpiece with tools, mm<sup>2</sup>.  
... dependence ... is resulted ... (Fig. 1) ...

Empty line

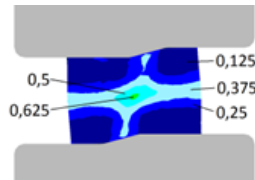


Fig. 1. The scheme of feeding

Empty line

... results ... shown ... table. 1 ...

Table 1

The results of calculation

		$\diamond \geq 8\text{mm}$
--	--	----------------------------

Empty line

### SUMMARY

12.5 In this paper is performed the analysis...influence of initial parameters and ...factors

Empty line

### REFERENCES

1. Kattner U. R. The thermodynamic modeling of multicomponent phase equilibria / U. R. Kattner // J. Metals. – 1997. – V. 49. – N 12. – P. 14–19.
2. Turchanin M. A. Modeling of the Temperature-Concentration Dependence of Thermodynamic Properties and Metastable Phase Equilibria in the Binary Ni-(Ti,Zr,Hf) Systems / M. A. Turchanin, P. G. Agraval, A. A. Turchanin // 6th International School-Conference "Phase Diagrams in Materials Science", Kiev, Ukraine, 14-20 October, 2001. – P. 39.

Empty line

Petrov I. I. – Ph. D., As. prof. of DSEA

Empty line

DSEA – Donbass State Engineering Academy, Kramatorsk.

Empty line

E-mail: [petrov@mail.ru](mailto:petrov@mail.ru)

## PROGRAM COMMITTEE

Prof. V. Kovalev, rector DSEA, Kramatorsk, Ukraine  
Prof. V.N. Varukhin, corresponding member of NASU, Dr. of physical and mathematical sciences, Director of DonIPE named after Prof. M. Karbowniczek, Vice-Rector for General Affairs, AGH, Poland

## ORGANIZING COMMITTEE

**DSEA:** Prof. I. Aliiev, DSEA, Kramatorsk, Ukraine  
Prof. O. Markov, DSEA, Kramatorsk, Ukraine  
Docent J. Dobronosov, DSEA, Kramatorsk, Ukraine  
**DonIPE:** Prof. V. A. Beloshenko, Donetsk, Ukraine  
Prof. Y.Ye. Beygelzimer, Donetsk, Ukraine  
**AGH:** Prof. Pietrzyk M, Poland  
Prof. Andrzej Milenin, Poland

## ADDRESSES OF ORGANIZING COMMITTEE

**UKRAINE:** DSEA, 72 Shkadinova st., 84313, Kramatorsk, Donetsk region.

Metal forming department ..... (38-0626) 41-67-20

Fax: ..... (38-0626) 41-63-15

e-mail: ..... [pnir@dgma.donetsk.ua](mailto:pnir@dgma.donetsk.ua) ..... [omd@dgma.donetsk.ua](mailto:omd@dgma.donetsk.ua)

**Scientific secretary:**

I. Zhabankov (DSEA, Kramatorsk)

Organizational payment can be transferred to the DSEA account or can be paid during registration:

## PAYMENT ORDER:

56A/INTERMEDIARY - BIC	:SWIFT: D E U T D E F F DEUTSCHE BANK, FRANKFURT / ESCHBORN
57D/ACCOUNT WITH INSTITUTION -BIC	: 1 0 0 9 4 9 8 6 2 7 1 0 0 0 , UKRSOTSBANK, UKRAINE, SWIFT: U K R S U A U X
59/BENEFICIARY CUSTOMER	: ACC.№ 25304000000124 IN KRAMATORSK BRANCH OF U K R S O T S B A N K DONETSK REGION, DSEA, SHKADINOVA STR., 72, KRAMATORSK, UKRAINE
70/DETAILS OF PAYMENT	: FOR THE CONFERENCE WHICH WILL TAKE PLACE AND THE PUBLISHING OF THE BOOK OF ARTICKLES ON THE TOPIC OF METALWORKING
71A/DETAILS OF CHARGES	: OUR

Donbass State Engineering Academy  
AGH University of Science and Technology  
Donetsk Institute for Physics and  
Engineering named after O.O.Galkin of the Na-  
tional Academy of Sciences of Ukraine  
Novokramatorsky Mashinostroitelny Zavod  
J.St.Co.  
Energomashpetsstal J.St.Co.



Informational support of the mag-  
azine "Metalworking"

With the support of the  
ECOTESY



**INFORMATION REPORT  
XIX INTERNATIONAL  
SCIENTIFIC AND TECHNICAL  
CONFERENCE,  
«ACHIEVEMENTS AND PROBLEMS OF  
TECHNOLOGIES AND MACHINERY  
PRESSURE PROCESSING DEVELOPMENT»**  
dedicated to the 50th anniversary  
Donetsk institute for physics and engineering  
named after O.O. Galkin national academy of sci-  
ences of Ukraine

April, 26-28, 2016  
Ukraine, Kramatorsk

Dear colleague!

Donbass State Engineering Academy, AGH University of Science and Technology, Donetsk Institute for Physics and Engineering named after O.O.Galkin of the National Academy of Sciences of Ukraine, MAMI Moscow State Technical University, Novokramatorsky Mashinostroitelny Zavod J.St.Co., Energomashspetsstal J.St.Co.in April, 2016 hold the International scientific and technical conference «Achievements and problems of technologies and machinery pressure processing development» with the issue of the scientific works collection included in the list of Special Ukraine publication.

**The program and subjects of conference:**

The program of conference provides:

- ✓ plenary reports;
- ✓ bench reports;
- ✓ excursions to the leading enterprises of the region;
- ✓ excursion to Syatogorsk Lavra;
- ✓ other activities.



The work of the conference will be held in the form of sessions and discussions on the following subjects:

- ✓ modeling of technological processes of processing of metals by pressure;
- ✓ processes of intensive plastic deformation;
- ✓ new technologies of exact volume pressing and forging;
- ✓ improvement of technological schemes rolling and drawings;
- ✓ metal forming improvement of equipment in mechanical engineering and metallurgy.

We invite you to take part in the work of the conference. For this purpose it is necessary to send to the address of organizing committee the questionnaire and articles till **March, 1, 2016**.

**The registration fee of 200 €. The fee includes Conference Proceedings, visit to the leading enterprises of the region, banquet and social program.**

Working languages of the conference: Ukrainian, Russian, German, English.

## XIX INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE,

### « ACHIEVEMENTS AND PROBLEMS OF TECHNOLOGIES AND MACHINERY PRESSURE PROCESSING DEVELOPMENT »

dedicated to the 50th anniversary  
Donetsk institute for physics and engineering  
named after O.O. Galkin national academy of sci-  
ences of Ukraine

April, 26-28, 2016

### REGISTRATION FORM

Surname .....

Name .....

Patronymic .....

Place of work and the service address .....

.....

Post .....

.....

Scientific degree and rank .....

.....

☒ The address of the lecturer (for correspondence) .....

.....

.....

E-mail: .....

☎ Tel: ..... Fax: .....

Information on the report (title of the article) .....

.....

.....

.....

Authors: .....

.....

Necessary equipment:

☐ projector ..... ☐ a computer .....

another ☐ .....

Data on payment of the admission fee .....

☐ The admission fee will be brought at registration

### REQUIREMENTS TO REGISTRATION OF ARTICLES

To the publication are accepted materials in volume **from 5 to 8 full** pages. All materials presented in duplicate, printed on the laser (*jet*) printer and (*necessarily*) on an electronic data carrier (*a disk, a diskette*). Scientific articles with signatures of authors, demands and texts of summaries are sent to the address of organising committee and to **pnir@dgma.donetsk.ua** address with a theme mark (*Ivanov Kiev*). Besides, on article are applied:

- summaries (*10-12 lines in the size 10 pt*) in Russian, Ukrainian and English languages (*the text of summaries and heading of the article in all languages should be completely identical, contain purpose, design/methodology/approach, findings, originality/value*);
- keywords (*5-8 words, the size 10 pt*) in Russian, Ukrainian and English languages;
- short data on **all** authors of article;
- examination certificates (*for authors from Ukraine*);
- the review of the doctor of sciences and an extract from faculty meeting or department;

The article structure should meet the VAK requirements and contain sections:

- **statement of a problem**, a problem in a general view and its communication with important or practical tasks;
- **the analysis of last publications** (*not less than 3 articles which have left over the last 10 years*) in which there is begun the decision of the given problem, allocation unresolved before parts of a shared problem to which article is devoted leans;
- **the formulation of the purpose of article** (*since a new line – «the work purpose is ....»*) and statement of private problems which are solved in article;
- **a statement of the basic material** of research with full substantiation the received scientific results;
- **conclusions** (*with the heading CONCLUSIONS located on the centre of a line*).

**The text** to place on a white paper of format A4 (210.297 mm) with fields of 20 mm from different directions. **Sheets not to number**. Orientation of page for text – book. For placing of the tabular data, schedules, schemes, drawings page orientation is if necessary supposed album. Article text to issue in editor **Word 7.0-9.0** font **Times New Roman Cyr** (usual) in the size 12 pt; between lines – **unary interval**; indentation space – 1,25 sm; to level on width of page with word **division**. The text of summaries (rus., ukr. and english) and the literature list take shape font **Times New Roman Cyr** (italics) in the size 10 pt; between line – an unary interval. **In article text allocation by a bold-face type, alignments by blanks is not supposed.**

**The illustrative material** is mounted directly in the text. The flow of drawings «in the text» is established. Use of colour drawings do if necessary-is started up. Everything especially scanned (the permission – not less than 200 dpi), should be accurate, without compression.

**Formulas** are typed in editor **Microsoft Equation 2.0/3.0** with para-metres: usual – 12 pt; a large index – 10 pt; a small index – 8 pt; a large symbol – 14 pt; a small symbol – 8 pt, alignment on the centre of page without indentation space. Numbering of formulas carry out leveling number on the right field.

**The order of registration** of articles On the first page of article in the first line from the paragraph is typed UDK. Next line by a right edge from the paragraph – surnames and the initials of authors. More low from the paragraph font **Times New Roman Cyr** (usual) in the size 12 pt capital – article title.

**The literature list** is entitled by a word the USED LITERATURE LIST, typed font **Times New Roman Cyr** (usual) in the size 12 pt capital letters on the page centre in a line from article text. The list a literature to issue under requirements BAK font **Times New Roman Cyr** (italics) in the size 10 pt; between lines – an unary interval.

**Data on authors:** to specify a work place, a post, academic degree and an academic status, contact phone and the electronic address (e-mail) for correspondence.

*Articles which do not correspond  
the requirements are not published*