

TEMPLATE

1. The file with the abstracts should be named with the author's surname (Ivanov thesis).
2. The authors have to prepare 1,5-2 pages of A4 paper size. All pages should be numbered
3. Format abstracts in *.docx or *.doc, Times New Roman (size 12 pt, line spacing 1,5; paragraph indentation 1,25; width alignment; margins - 20 mm)
4. Formulas - MathType
5. Templates in Russian and English (choose only one option for the article):

Template in Russian

УДК 658.511

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РАЗРАБОТКА ОПТИМАЛЬНОГО АЛГОРИТМА СОЗДАНИЯ ПЛАНА ПРОИЗВОДСТВА НА ОСНОВЕ «БЕРЕЖЛИВЫХ» ПРИНЦИПОВ

Описаны методы и инструменты бережливого производства, обязательные к использованию в процессе планирования высокопроизводительного предприятия.

Ключевые слова: производственное планирование, время такта, автоматизированная система, бережливое производство, высокопроизводительное предприятие

В современном производственном процессе бережливое производство играет решающую роль в увеличении производительности

Библиографический список

1. Квинт В. Л., Окрепилов В. В. Сравнение роли качества жизни и ценностей в стратегии развития стран с формирующимся рынком и Запада. — СПб.: СПбГПУ, 2013.
2. Евгений Г. Б. Основы автоматизации технологических процессов и производств: учебное пособие для вузов: том 1 / ред. Г. Б. Евгений. - М.: Изд-во МГТУ им. Н. Э. Баумана, 2015.

Template in English

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DEVELOPMENT OF AN OPTIMAL ALGORITHM FOR CREATING A PRODUCTION PLAN BASED ON "LEAN" PRINCIPLES

The methods and tools of lean production, mandatory for use in the planning process of a high-performance enterprise, are described.

Keywords: production planning, cycle time, automated system, lean production

In today's manufacturing process lean manufacturing plays a crucial role in increasing productivity

References

1. Quint V. L., Okrepilov V. V. Comparison of the role of quality of life and values in the development strategies of countries with emerging markets and the West. - SPb.: SPbSPU, 2013.
2. Yevgenev G. B. Fundamentals of automation of technological processes and production: textbook for universities: volume 1 / ed. Moscow: MGТУ publishing House. N. E. Bauman, 2015

6. Please note that no dot is placed at the end of the title, the title is typed in capital letters.
7. Symbols and abbreviations should be disclosed upon the first appearance in the text
8. Tables should be in the text format, not a picture
9. References sample

(a book)

Raghavendra N.V., Krishnamurthy L. Engineering Metrology and Measurements - Oxford University Press, 2013

(an article)

Tran C.-D., Luca S. Manufacturing polymer/carbon nanotube composite using a novel direct process //Nanotechnology. – 2011. – Vol.12, No.14

(an electronic edition)

Epifantsev K. Analysis of Instrumentation Screw-Engine with the use of Automatic Systems. Currents trends in biomedical.URL:<https://juniperpublishers.com/ctbeb/CTBEB>. MS.ID.555840.php (access date: 15.06.2019)

Registration fee is not charged.

The collection of abstracts of the forum participants will be published free of charge before the conference, with subsequent indexing in the RSCI database, paid publication is carried out in the publication "Journal of Physics: Conference Series, indexed by Scopus (Q3) /WoS". Send the electronic version of the abstracts by e-mail: epifancew@gmail.com



Science & Technology
City Hall

International forum
«Metrological support of innovative technologies»



The forum is held with the support of UNESCO departments of St. Petersburg and the Metrological Academy of the Russian Federation (President of the Academy - Academician of the Russian Academy of Sciences, doctor of economic Sciences, Professor V. Okrepilov)

INFORMATION MESSAGE

4th March, 2020
St. Petersburg, Russia

FORUM PROGRAM

4th March, 2020

9:30 - registration of participants, «Da Vinci» Exhibition Hall (room 51-06, Bolshaya Morskaya str., 67 lit. A, St.Petersburg, Russia),
10:30 - Forum opening, «Da Vinci» Exhibition Hall, room 51-06
11:00 - Sections
* Section 1 - «Da Vinci» Exhibition Hall, 51-06
* Section 2 - Lecture Hall, 13-13
* Section 3 - Conference Hall of SUAI Academic Council, room 53-03
13:00-14:00 - Lunch
14:30 – Continue of Sections work
17:30 - Closing of the Forum and rewarding of participants

ACCOMMODATION

Accommodation for Forum participants can be provided with reservation from SUAI in the hotel system of St.Petersburg by priory arrangement. Accommodation is paid by sending organizations.

FORUM LANGUAGES

The official languages of the forum are Russian and English.

HOW TO GET TO THE FORUM

Registration of participants will take place in the main building of the SUAI at Bolshaya Morskaya str., 67, lit A

1. From Pulkovo airport (LED): take a bus №39 to the Moskovskaya metro station; then by metro to the Admiralteyskaya station, then trolley buses №5, 2 or buses № 3,22,27 to the stop «Truda square», then walk for 5 min
2. From Ladozhskiy vokzal (railway station): take a bus №27 or a trolley bus №22 to the stop «Truda square», then walk for 5 min
3. From Moskovskiy vokzal (railway station): take buses № 3, 33, 27 or trolley buses №5,22 to the stop «Truda square», then walk for 5 min

KEY DATES

To participate in the Forum it is necessary to register till **15th January, 2020** at QR code:



Abstracts must be sent till 15th January, 2020 to e-mail epifancew@gmail.com

ORGANIZING COMMITTEE

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Saurav Dixit - Ph.D., research scholar, Amity University, Mumbai, India

Alessandro Bianchini - Ph.D., research fellow, department of industrial engineering of University of Florence, Florence, Italy

FORUM SCIENTIFIC DIRECTIONS

- **Measurements in mechanical engineering and in process automation systems;**
- **Innovation technologies in instrumentation and radio electronics;**
- **Economics of Metrology;**
- **Metrological support of weapons and military equipment and the problems of military metrologists' training;**
- **Control and measurement devices in medicine;**
- **Information measuring systems for environmental monitoring;**
- **Contribution of scientists to victory of World War II.**

CONTACTS

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