
SUMMARY

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THEMATIC FORECAST OF FUNDAMENTAL SCIENTIFIC RESEARCHES IN RUSSIA UNTIL 2035 AND THE AREAS OF ITS POSSIBLE APPLICATION

The article presents the main results of the long-term forecast of fundamental scientific research topics in Russia, obtained under the auspices of the Russian Academy of Sciences. The predicted topics of basic scientific research are compared with the promising areas of scientific and technological development. Expert assessments of the relevance and quality of the predicted scientific research in certain areas are given and the funding required to conduct world-class research in full is evaluated.

Key words: fundamental scientific research, promising areas of scientific and technological development, strategic planning, forms and results of long-term forecasting analysis.

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THE ECONOMIC NATURE OF THE SUBSTANTIVE PROVISIONS OF DIGITAL PLATFORMS

The article deals with the research on the current state of development of the digital economy by some economists. The influence of digital platforms on the reproduction of the social product is analyzed. The effect of objective economic laws in the context of analog industrial and digital economy is compared. The author reveals the features of the economic nature of economy digitalization, which helps to boost the efficiency of social reproduction and increase the society welfare.

Keywords: digital economy, information and communication technologies, economic law, public reproduction, network environment.

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LOCALITY AND NON-LOCALITY OF ECONOMIC SYSTEMS

For the economy, as a specific human activity, and for economics as a branch of scientific knowledge, two periods of their development are important: the first, when early economies developed as a set of spatially determined economic systems localized at certain territories of the planet, and the second, when they have been developing as an integrated (associated, aggregated) formation or a global system. Both of these states (and periods) have their

own specific features, expressed in principles, mechanisms, functions and other parameters. The existing concepts, such as micro- and macroeconomics deemed insufficient, it is proposed to use the concepts of local and non-local economics, which reflect two basic principles: locality and non-locality.

Keywords: economics, principle of locality, exchange, robinsonade, random, independent, dependent, independent-dependent, dependent-independent.

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THE PRESENT-DAY INDUSTRIAL POLICY OF BELARUS

The article is devoted to the analysis of the industrial policy of Belarus in terms of achieving the goals of sustainable development, structural transformation and the realization of export potential. The strategic directions of further development of the industrial complex in the context of Eurasian integration are outlined.

Keywords: industry, industrial policy, high-tech production, labor productivity, export, industrial integration.

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ASSESSING THE INNOVATIVE DEVELOPMENT OF THE ROCKET AND SPACE INDUSTRY

The article discusses the tools for assessing the future development of the rocket and space industry. The main problem here are: a poor compliance of the strategic development model of the enterprises with strategic guidelines for the development of the entire industry, the technological lag, the presence of outdated and inefficient facilities, the lack of highly qualified personnel, the lack of modern systems of certified quality control and management, and a high degree of industry dependence on foreign technologies, materials and component suppliers. It is shown that the main task of the rocket and space industry management is to achieve high competitiveness of its products in terms of price and performance characteristics. Models are proposed for evaluating the effectiveness of innovative projects, taking into account the influence of endogenous and exogenous factors on the production for both the global and domestic market.

Key words: innovation project, rocket and space industry, high-tech products, performance characteristics, strategic efficiency, mathematical models, economic instruments, endogenous and exogenous factors.