## Scientific research of the SCO countries: synergy and integration

## August 15, 2019. Part 2

Поле	Значение
Объект №1	
Заголовок	STUDY OF MODELS OF MONETARY REGULATION IN OIL-PRODUCING COUNTRIES
Аннотация	This article presents the results of a study of monetary regulation in oilproducing countries. The features of exchange rate formation, the use of refinancing tools, antiinflationary policies are disclosed. Some features of the organizational foundations of the monetary policy of these countries are shown. The criteria for the effectiveness of national monetary policy are highlighted.
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Объект №2	
Заголовок	INVESTMENT SECURITY IN THE DIGITAL ECONOMY SYSTEM
Аннотация	The article is devoted to the study of an urgent scientific and practical problem investment security in the system of development of the digital economy. Security levels are substantiated, the significance of private investment in this development is analyzed. The study substantiates the hypothesis of an institutional approach to

	creating a favorable investment climate, identifying the fundamental differences between the supporters promoting the development of the digital economy system. The digital economy is based on the direction of creating a safe environment, as well as attracting investment in the innovation of production processes in economic development projects at all its levels, which makes the topic relevant. Identification of the level of investment security, risk reduction in the digital economy ensures the realization of national interests. The aim of the study is to identify, on the basis of an institutional approach, the priority areas of investment security in the digital economy system. To achieve the goal, the following tasks were completed, which consist of: determining the essential characteristics of the digital economy analysis of the main indicators of investments in the digital economy with the determination of the level of regional security based on the institutional approach. An economic analysis was carried out from the perspective of an institutional approach: the levels of influence on social, political and economic aspects were determined The characteristic features of the transformation processes of the economy are revealed. The development of the digital economy is a powerful catalyst for innovation to ensure economic growth and social wellbeing in the development of regions. It is possible to achieve the aforementioned results of leading technological positions with the effective use of natural, raw materials, human resources, wich provides a chance for a regional economic breakthrough. The digital economy is a natural evolutionary process of scientific and technological progress, the development of technological infrastructure making use of large databases that have influenced the largescale digital transformation of society.
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Объект №3	
Заголовок	PROPOSAL FOR UNITED VOLGA AND YANGTZE DEEP-WATER TRANSPORTATION SYSTEMS TO STRENGTHEN THE BELT AND ROAD INITIATIVE
Аннотация	In this article, we argue for a united Volga and Yangtze DeepWater Transportation System to strengthen the Belt and Road Initiative and the intermodal systems of the EAEU. Hereafter, we outline existing transportation corridors between Russia, Central Asia, the South Caucasus and China, provide some insight in the existing logistics. The participants of the Shanghai Cooperation Organization (SCO) and the member states of the Eurasian Economic Union (EAEU) highly support the Belt and Road Initiative. President of the Russian Federation, Vladimir Putin, emphasized the initiatives appeal to his government by stating that he believes that the creation of a belt of economic development can lead to beneficial trade among countries in both Asia and Europe. Putins remarks have made it clear that Russia is interested in linking together the Eurasian Economic Unions framework to that of Chinas BRI.
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Объект №4	
Заголовок	COMPARATIVE ANALYSIS OF THE SPECTRUM AND CONSUMER PREFERENCES OF COSMETICS OF ASIAN AND EUROPEAN PRODUCERS IN THE RUSSIAN MARKET
Аннотация	In recent years, there has been growing interest among Russian consumers of cosmetics in products of Asian manufacturers and, above all, in Korean cosmetics. In this work we examined the assortment and consumer properties of cosmetic products of the most represented Asian companies in Russia, identified and formulated the factors that determine the demand for these products, conducted a comparative analysis of the consumer properties of cosmetics for skin care in European and Asian manufacturers.
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Объект №5	
Заголовок	ABOUT THE ACTUAL DIRECTIONS OF THE RUSSIAN-CHINESE SCIENTIFIC AND TECHNICAL COOPERATION IN THE LIGHT OF IMPLEMENTATION OF TASKS OF NATIONAL PROJECTS OF THE RUSSIAN FEDERATION "THE COMPLEX PLAN OF MODERNIZATION AND EXPANSION OF THE MAIN INFRASTRUCTURE FOR THE PERIOD TILL 2024" AND «SAFE AND HIGH- QUALITY ROADS»
Аннотация	13 national projects in Russian Federation are planning with implementation till the end 2024 provides additional opportunities for the international scientifictechnological cooperation between SCO countries. The special opportunities and tasks are opening for the scientifictechnological collaborations in the field of transport infrastructure, where are two the largest national projects with the total funding more than 11 trillion rubles could be supported by intergovernmental and direct cooperation between Universities and companies in frames of Belt and Road Initiative. In this article authors review of the statement and the nearest prospective of collaborations between Russian and Chinese partners in the field of transport and infrastructure science and technologies.
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Объект №6	
Заголовок	ANALYSIS AND FORECAST OF THE KRASNODAR REGION CONSTRUCTION INDUSTRY DEVELOPMENT BASED ON EXPERT ASSESSMENTS
Аннотация	The article is devoted to a brief review of the current state of the construction industry in the Krasnodar Territory. The analysis of the economic state of the construction industry in the region is carried out and the main factors affecting the further development of construction in the region are identified. The forecast The volume of work in the construction industry for the near future based on expert estimates is made. Expert competence is determined using an approach based on the processing of normalized scores.
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Объект №7	
Заголовок	ON THE DEVELOPMENT OF RUSSIAN LEGISLATION IN THE SPHERE OF REAL RIGHTS OF RELIGIOUS ORGANIZATIONS OF THE BOURGEOIS AND SOVIET PERIODS
Аннотация	Religious organizations have become an integral part of civil relations at the turn of the nineteenth and twentieth centuries, but they continued to be under close administrative control. The positive but largely contradictory reformism of the beginning of the twentieth century was interrupted by the revolutionary explosion of 1917, which deprived religious organizations of the status of a legal entity, introduced other restrictions, which sharply led to the infringement of the civil rights of religious organizations.
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Объект №8	
Заголовок	RECOGNITION AND ENFORCEMENT OF DECISIONS OF FOREIGN COURTS IN FINLAND AND THE RUSSIAN FEDERATION

Аннотация	The article discusses a comparative analysis of the consideration of foreign courts decisions in Finland and Russia, in particular, on the examples of claims for alimony, the right of a child to meet with a parent, debt collection and recognition of decisions of foreign courts on the basis of international legal acts and national legislation of Finland and the Russian Federation. On the basis of European Union Regulation 2201/2003 On jurisdiction, recognition and enforcement of judgments in family matters and cases of parental obligations and the annulment of Regulation 1347/2000 or on the basis of an international agreement binding upon Finland, a decision must be made in Finland. When considering cases on the recognition and enforcement of foreign judgments, the pos71 sibility of a competent court establishing the existence of another foreign judicial act, the content of which will establish the absence of legal certainty, is objectively limited. In this case, the burden of refuting the arguments of the party alleging the existence of such a judicial act rests with the opposite side. The establishment of legal certainty on a controversial issue and the finality of a foreign court decision will exclude cases of possible abuse of the right, which in turn is the basis for the refusal to recognize and enforce a decision of a foreign court. The finality of the judicial act and the legal certainty formed by it on a controversial issue are elements of the universally recognized principle of legality as part of national public order. International conventions relating to alimentary obligations provide a quick review of applications and make it possible to use universal, affordable, effective and easytouse procedures to recover alimony.
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Объект №9	

Заголовок	THE EDUCATIONAL ENVIRONMENT AS A SOCIAL CONTEXT FOR ASSIMILATION OF CULTURAL EXPERIENCE AND DEVELOPMENT OF THE PERSONALITY
Аннотация	From the point of view of axiological approach, the mechanism of interaction of the personality and the educational environment is described. The educational environment is presented as the integrated formation of local cultures, which are immanent sources of versatile values, which define a vector of selfdetermination of the personality in general.
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Объект №10	
Заголовок	WELFARE ENVIRONMENT OF HIGHER EDUCATION INSTITUTION AS FACTOR OF FORMATION OF CIVIL COMPETENCE OF PUPILS
Аннотация	The sociocultural development of the students personality is determined by the environment in which he is immersed. In addition to the family, the immediate environment, the media, the educational space plays a huge role in building the personality and shaping its leading qualities. High school through the system of upbringing and education transmits economic and political phenomena occurring in society. For some time, Russian society was in a tense atmosphere of searching for a new system of values and a new ideology in the light of the negative costs of transforming the postSoviet space. Low level of consolidation, ideological schism, loss of spiritual and moral guidelines all this led to social tension, a drop in the level of

	culture of the countrys citizens. The very concept of citizen and its derivatives citizenship, civic education, civic position have also undergone a number of changes. Until now, there is no single understanding of the essence of these concepts, approaches to their content and organization have not been defined, common criteria and conditions for the formation of citizenship and civil competence have not been identified within the framework of the educational and educational system.
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Объект №11	
Заголовок	THE TERMS FOR THE SNOW IN YAKUTIAN LANGUAGE
Аннотация	The wellknown SepirWhorf hypothesis that the names of the peoples living in the north should be more diverse in comparison with their number among the inhabitants of the middle strip is quite logical and seems to be confirmed by examples from the Eskimo, ObUgric and Samoyed languages Norman 2007: 175. In this article we consider the Yakut language. The Yakut language is interesting in that it belongs to the Turkic languages, but, having early separated from its relatives, it went a long way of development in isolation from other Turkic languages, coming into contact with the Mongolian, TungusManchu languages. At this time, the Yakuts occupy a vast territory in northeast Russia, which is the coldest point of the inhabited part of the globe. Our hypothesis is that in the course of moving to the north, as well as in the centuriesold

	development of the present territory, the Yakut language was probably enriched with new words denoting snow and its varieties.
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Объект №12	
Заголовок	ON THE POLITICAL FACTOR OF THE TRANSFORMATION OF CHINA'S PUBLIC ADMINISTRATION IN THE 1980S
Аннотация	By the beginning of the reform policy, the personnel and organization of the public administration system were formed to implement the revolution under the dictatorship of the proletariat. After the end of the cultural revolution, the center of gravity of the work of the Communist Party and state authorities was shifted from the policy of class struggle under the dictatorship of the proletariat to the policy of socialist modernization. Socialist modernization began in the countryside and politically had the form of directed liberalization, which affected the emerging system of government. After the events of June 1989, the direction towards the liberalization of politics was stopped, but many changes in the system of public administration were retained and continued to develop.
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Объект №13	
Заголовок	STUDY OF THE LEVEL OF BONE MINERALIZATION IN CHRONIC EXPERIMENTAL OSTEOMYELITIS WITH THE USE OF OSTEOCONDUCTIVE MATERIALS
Аннотация	Article presents the results of a comprehensive study of bone mineralization in an experiment on the use of hydroxyapatite and calcium hydroxide as an osteoconductive component in the treatment of composite materials. Studies were conducted on 84 white rats of the Vistar line. To study the structural and functional changes in bone tissue, Xray studies were conducted, as well as the determination of the mineral density of bone tissue using a molecular imaging system. The results obtained indicate the effectiveness of the use of hydroxyapatite and calcium hydroxide as osteoconductive components of the complex treatment of osteomyelitis.
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Объект №14	
Заголовок	MORPHOLOGICAL FEATURES OF ATHEROSCLEROTIC PLAQUE OF THE CAROTID ARTERIES IN ADULTS WHO SURVIVED LONG PERIODS OF STARVATION IN CHILDHOOD
Аннотация	The study revealed a statistically significant increase in the number of adults who survived long periods of starvation in their childhood in Leningrad blockaded by fascists (19411944) and had a narrowing of the diameter of the carotid artery due to a thrombus or a combination of atherosclerotic plaque and thrombus. The longexisting extreme living conditions in the besieged city were extremely unfavorable factors affecting the body of young residents. These factors determined the subsequent unfavorable nature of the development of not only carotid arteriosclerosis, but also other noninfectious diseases in the group of already matured people we examined.
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Объект №15	

Заголовок	EFFICIENCY OF APPLICATION OF IMMUNOSTIMULANTS FOR BROILER CHICKENS WHEN REPLACING ANTIBACTERIAL DRUGS
Аннотация	Uncontrolled use of antibacterial drugs has led to the widespread dissemination of forms of microorganisms resistant to them. The resistance of most bacteria to one degree or another is observed in relation to almost all antibiotics used, which led to a significant decrease in the effectiveness of their use, especially in medicine. Therefore, the cultivation of farm animals without the use of antibiotics is an urgent area of modern science. We were the first to study the effects of getmick and cyclferon on broiler chickens. It was found that these drugs, with the complete exclusion of antibacterial agents from the prophylactic treatment regimen of broiler chickens, increase the growth of the bird and increase the natural resistance. Recommendations are given for the use of hetmic and cycloferon broiler chickens with a complete rejection of antibiotics.
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Объект №16	

Заголовок	USE OF BLOCKCHAIN TECHNOLOGY IN PLANNING AND MANAGEMENT OF TRANSPORT SYSTEMS
Аннотация	One of the possible scenarios for using blockchain in ITS may be the service of obtaining unhindered travel. This service aims to create a decentralized realtime sharing network of lanes.
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Объект №17	
Заголовок	APPLICATION OF LOGISTICS PROCESSES IN DELIVERY OF GOODS BY ROAD IN MULTIMODAL TRANSPORT
Аннотация	The introduction of the logistic approach to the construction and operation of terminal systems will accelerate the material flows, the development of transportation, and will ensure the provision of transport and logistics services at the level of international standards.
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Объект №18	
Заголовок	SHARPNESS CORRECTION MODERNIZATIONS ON COSMIC HIGH RESOLUTION IMAGES
Аннотация	Processing of cosmic images is considered with the replacement of singularities arising in the synthesis of spectral representations by models of generalized functions of slow growth, using problemoriented computer arithmetic that supports the completeness of operations during deconvolution to increase sharpness.
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Объект №19	
Заголовок	EFFICIENCY OF USE OF CARBON NANOMATERIALS IN CEMENT CONCRETE TECHNOLOGY
Аннотация	The results of studies on the effect of additives of carbon nanomaterials on the morphology of neoplasms during cement hydration, the strength and kinetics of hardening of cement stone, standardized properties of cement, as well as some data on testing of heavy concrete are presented.
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Объект №20	
Заголовок	DEVELOPMENT OF BIOACTIVE CAPSULES FOR SOIL RESTORATION IN SPENT QUARRIES

Аннотация	The authors of the article have developed bioactive capsules in biodegradable packaging, capable of effectively restoring manmade disturbed lands. As the most economical and effective method of reclamation, the authors propose to use the multifunctional capsules they developed to restore the soil cover on the dusty surface of carbonate rocks and to quickly form sod the slopes of spent quarries
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Объект №21	
Заголовок	FATIGUE OF THE VISUAL ANALYZER AS A DANGEROUS FACTOR OF THE AIRCRAFT FLIGHT
Аннотация	The dependence of visual capabilities of a person on technogenic factors in the professional activity of a pilot and an aviation dispatcher is analyzed. The conditions leading to reduction of operational reliability resources of aviation specialists are revealed, recommendations on control of their psychophysiological state are formulated. Limiting the functioning of the visual analyzer is considered as a dangerous flight factor.

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Объект №22	
Заголовок	THE SYNTHESIS OF DARK HYDROGEN (NEUTRON-LIKE PARTICLES) IN A HYDROGEN REACTOR
Аннотация	Theoretically predicted and experimentally confirmed the existence of a special form of the hydrogen atom 2 with a characteristic size of three orders of magnitude smaller than ordinary hydrogen. This form of hydrogen atom is called dark hydrogen. The Xrays of energy 258 keV emitted in a result of synthesis of dark hydrogen 2 were experimentally recorded. The physical properties, features and typical energy of chemical reactions involving dark hydrogen 2 are predicted. The participation of dark hydrogen 2 in a chain reaction with the release of total energy of about 8 Kev in a single act, including 4 Kev as a Xrays, is predicted.
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Исправить данные	
Объект №23	
Заголовок	COLD NON-NUCLEAR FUSION AND FUEL-FREE MICROWAVE (PULSE) POWER
Аннотация	From the standpoint of ether dynamics, a fundamentally new answer to the question is proposed: where does the excess heat come from during the socalled today lowenergy nuclear reactions (LENR). To explain the heating effect, a new interpretation is given to microwave electromagnetic radiation from a magnetron (MW) these are powerful electromagnetic pulses (PEMP). A mechanism is proposed for the transformation of nuclides (cold nuclear transmutation) from the point of view of synergetics. The EmDrive electromagnetic motor is developed combined with a fuelfree generator to power it. The term cold nuclear fusion (CNF) is proposed to designate the selfassembly of chemical elements from elementary particles. The classification of types of CNF is given. The connection of geophysics with the hypothesis of paleocontact in history and archeology is shown.
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Объект №24	
Заголовок	GEOGRAPHY OF SOILS OF JEWISH AUTONOMOUS REGION (IN THE LIMITS OF THE MIDDLE PRIAMURYE TERRITORY, RUSSIAN FAR EAST)
Аннотация	The paper describes the distribution of basic soil types at the territory of the Jewish Autonomous Region on dependence landscape-ecological conditions. The base map of soils types scale 500 000 is presented. The diversity of soils of mountainous and plains (agricultural) territories are reflected.
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Объект №25	
Заголовок	LIQUIDATION OF TECHNOGENIC WASTES OF THE BAIKAL REGION

Аннотация	The bulk of technogenic wastes of the Baikal region are sediments of lignin sludge and ash from its burning. When monitoring the territory of the BPPM OJSC, it was found that the MPC for heavy metals is exceeded by 27 times, benz (a) pyrene by 3 times. When choosing a technology for the elimination of waste should reduce their volume and determine the technology for further use as secondary raw materials
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