**Winners in “Information Technology”**

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| № | Name | University | Faculty | Title |
| 1 | Alexander Vyacheslavovich Movchan  | SUSU | Computational Mathematics and Computer Science | Development of a parallel algorithm on a computer cluster with Intel Xeon Phi accelerators which finds similar pieces of music based on a voice recording. |
| 2 | Ivan Sergeevich Sakhno | SUSU | Com. Tech., Control, and Radio Elec. | Development of a mobile application for training athletes of cyclical sports.  |
| 3 | Denis Eduardovich Suleimanov  | SUSU | Computational Mathematics and Computer Science | Development of software system QStudio for automatic paralleling of algorithms. |
| 4 | Ivan Alekseevich Volkov | SUSU | Computational Mathematics and Computer Science | Development of a mobile application for the correction of insulin injection dosages.  |
| 5 | Nikita Andreevich Ashikhmin  | SUSU | Computational Mathematics and Computer Science | Development of a service for automated testing of cloud applications.  |
| 6 | Kirill Vladimirovich Borodulin  | SUSU | Computational Mathematics and Computer Science | Development of methods and algorithms of a hybrid data model for computer clusters with multi-core accelerators for processing very large data in a distributed NoSQL database management system in RAM. |
| 7 | Olga Sergeevna Popova  | SUSU | Com. Tech., Con., and Radio Elec. | Development of an application for data monitoring and the configuration of intelligent field devices with HART-protocol. |
| 8 | Natalia Igorevna Barabanshnikova  | SUSU | Computational Mathematics and Computer Science | Development of the ZapTimer service for recording work hours.  |
| 9 | Ekaterina Albertovna Zagirova  | SUSU | Computational Mathematics and Computer Science | Development of software for the purpose of planning production with uncertain intervals in data input, using high-performance computers. |
| 10 | Dmitry Nikolaevich Timofeev  | SUSU, Miass |  | Development of methodological, alrogithmic and programming support for automatic generation of X3D-models controlling mechanical systems for mechanical and control issues in manufacturing robots. |

**Winners in “Medicine of the Future”**

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| 1 | Oksana Tagirovna Saedgalina  | SUSMU |   | Development of forms of eritopoetin for transdermal application for topical use in burn triage.  |
| 2 | Andrey Dmitrievich Ermolaev | SUSMU |   | Development of the methods for new medicinal forms of melatonin, for topical and systemic application in the treatment of burns. |
| 3 | Yuri Sergeevich Kiparisov  | SUSMU |  Institute of Sport, Tourism, and Service | Development of alternative rehabilitation methods for patients with acquired maxillofacial defects using dental mini-implants.  |
| 4 | Kristina Evgenievna Ryabina  | SUSU |  Institute of Sport, Tourism, and Service | Development of methods for creating individual corrective insoles. |
| 5 | Aleksey Aleksandrovich Petrov | SUSU | Institute of Sport, Tourism, and Service | Development of mechatronic equipment for rehabilitation of patients with motor function impairment of the lower limbs. |

**Winners in “Modern Materials and Technology for their Development”**

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| 1 | Semen Pavlovich Salikhov | SUSU | Material Sciences | Development of energy- and resource-saving technologies for the direct processing of lumps of siderite ore into steel. |
| 2 | Ranil Danilovich Gabbasov | SUSU | Material Sciences | Development of materials and technology of manufacturing of crucial die cast parts on the basis of titanium-aluminum intermetallic compounds.  |
| 3 | Regina Airatovna Yanturina | SUSU | Architecture and Construction | Development of additives reducing the open porosity of ceramic bricks. |
| 4 | Maria Andreevna Matveeva  | SUSU, Zlatoust branch |  | Development of technology for preparation of the blades of edged weapons made of composite multi-layered materials, created by electroslag welding. |
| 5 | Ilya Mikhailovich Ivanov  | SUSU | Architecture and Construction | Development of cold-resistant and high-strength road concrete.  |
| 6 | Nikita Evgenievich Nikitenko  | SUSU | Architecture and Construction | Development of non-burning materials for fire proofing buildings.  |
| 7 | Dmitry Aleksandrovich Kalganov | CSU |   | Development of magneto-controllable materials with special dynamic properties in the microwave range of electromagnetic frequencies.  |

**Winners in “New Instruments and Hardware Systems”**

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| 1 | Evgeny Anatolievich Sirotkin  | SUSU | Energy Studies | Development of automatic systems for adaptive control of the voltage of wind-power plants.  |
| 2 | Nadezhda Yurievna Kulyova  | SUSU | Energy Studies | Development of an algorithmic and software system enabling management of starter-generator workflow in heavy transport vehicles. |
| 3 | Mikhail Fyodorovich Mitkin  | SUSU | Computer technologies, control, and Radio Electronics | Development of an antenna for the localizer of instrument-guided aircraft landing in ILS format.  |
| 4 | Ruslan Nizamievich Smirnov  | MSTU |   | Development of installation and technology for plasma tempering and cementation of metallic surface.  |
| 5 | Denis Sergeevich Korobkov  | SUSU | Automobile and Tractor Engineering | Development of a control system for the electromotor of electric racing cars. |
| 6 | Anton Andreevich Andreev | SUSU | Automobile and Tractor Engineering | Development of a system of control and support for the support of optimal conditions of the function of energy accumulators in autonomous power installations operating in harsh climactic conditions.  |
| 7 | Evgeny Sergeevich Khayatov | SUSU | Energy Studies | Development of a device for non-invasive measurement, processing, and analysis of the functional state of the human body. |
| 8 | Vladislav Valerievich Anchukov  | SUSU | Physics | Development of system to actively regulate tire pressure in transport vehicles.  |
| 9 | Anastasia Evgenievna Gorodkova  | SUSU | Mechanical and Technological | Development of energy-efficient manufacturing techniques for micro-electro-mechanical systems. |
| 10 | Anastasia Sergeevna Gabaeva  | SUSU | Institute of Sport, Tourism, and Service | Development of a non-contact EKG monitoring system.  |

**Winners in “Biotechnology”**

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| 1 | Rinat Ilgidarovich Fatkullin  | SUSU | Institute of Econ., Trade, and Tech. | Development of a method of eco-extraction of natural raw materials based on ultrasonic treatment in beverage technology. |
| 2 | Vladimir Vladimirovich Khudyakov | SUSU | Institute of Econ., Trade, and Tech. | Development of a method which slows the staling process of bakery goods based on ultrasonic treatment. |
| 3 | Irina Igorevna Gudina  | SUSU | Institute of Econ., Trade, and Tech. | Development of a way to regulate protein hydration properties techniques of deep processing of poultry meat.  |
| 4 | Anastasia Valeriyanovna Paimulina  | SUSU | Institute of Econ., Trade, and Tech. | Development of bakery goods using a combination of stevia and fucoidan additives.  |
| 5 | Ekaterina Olegovna Zhmachinskaya  | SUSU | Institute of Econ., Trade, and Tech. | Development of resource-saving techniques in the production of bakery goods for functional purposes |
| 6 | Elena Ivanovna Shukshkina  | SUSAU |   | Development of automated infrared drying units with optimal settings for drying timber and other products of lumber processing.  |
| 7 | Viktor Igorevich Yavorsky  | SUSAU |   | Development of an extruder with eccentric cutting blades for bulk feed mix processing. |
| 8 | Olga Valerievna Chibiryova  | SUSMU |   | Development of a database used in the manufacture of medicinal products containing carbon allotrops. |