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| **Tomsk Polytechnic University (TPU)**  **Short-term internships list** | C:\Documents and Settings\Masha\Рабочий стол\tpu_logotip_rgb-05.png |

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| --- | --- | --- | --- |
| **Person** | [**Department**](http://tpu.ru/en/structure/institutes/ielc/preu/) | **Contact**  **Information** | **Research area** |
| **Institute of Physics and Technology**  http://tpu.ru/en/structure/institutes/pt/ | | | |
| Sergey N. Liventsov | [Department of Electronics and Automation of Physical Plants](http://tpu.ru/en/structure/institutes/pt/eanp/) | [liventsov@tpu.ru](mailto:liventsov@tpu.ru)  +73822606343 | Automatic control of nuclear-fuel cycle |
| Alexei G. Goryunov | [alex1479@tpu.ru](mailto:alex1479@tpu.ru)  +73822427096 | Control and optimization of technical devices (for nuclear industry) |
| Vadim M. Pavlov | [pavlov@tpu.ru](mailto:pavlov@tpu.ru)  +73822606340 | Аutomation of experiment for controlled thermonuclear fusion devices |
| Artem V. Obhodsky | [art707@tpu.ru](mailto:art707@tpu.ru)  +73822606340 | Distributed intelligences, networks and information storage systems |
| [Sergey A.](http://portal.tpu.ru:7777/www/phone?id=57818) Zubin | [Department of Higher Mathematics](http://tpu.ru/en/structure/institutes/pt/hm/) | zyubin@tpu.ru | Algebra, group theory, matrix and the Chevalley groups, algebraic cryptology |
| Andrei M. Leader | [Department of General Physics](http://tpu.ru/en/structure/institutes/pt/gp/) | [lider@tpu.ru](mailto:lider@tpu.ru)  +73822705012 | Hydrogen-induced microstructure changes in metals and alloys |
| **Institute of Natural Resources**  http://tpu.ru/en/structure/institutes/INR/ | | | |
| Anatoly A. Potseluev | [Department of Geology and Land Management](http://tpu.ru/en/structure/institutes/INR/glm/) | [PoceluevAA@ignd.tpu.ru](mailto:PoceluevAA@ignd.tpu.ru)  +73822606211 | Remote methods of the environment researches |
| Olga А. Pasko | [oap@sibmail.com](mailto:oap@sibmail.com)  +73822606179 | Degradation and land's recultivation |
| Vladimir N. Salnikov | [Salnikov-40@mail.ru](mailto:Salnikov-40@mail.ru)  +73822420594 | Geochemistry and mineralogy of the natural and technogenic processes local impact zones on a lithosphere |
| Alexander V. Zakharchenko | [zakh@tpu.ru](mailto:zakh@tpu.ru)  +73822606179 | Geoecological and geochemical processes in the sanitary protection zones and under the technological facilities for companies with a high level of land pollution |
| Alexander K. Polienko | [polienkoa@yandex.ru](mailto:polienkoa@yandex.ru)  +73822606179 | Studying of the composition′s mineral and the structure of the pathogenic biomineral formations which are formed in the urinary system of the human body and an animals |
| Sergei I. Arbuzov | [Department of Geoecology and Geochemistry](http://tpu.ru/en/structure/institutes/INR/gg/) | [rikhvanov@tpu.ru](mailto:rikhvanov@tpu.ru)  +73822419477 | Geochemistry of coal |
| Leonid P. Rikhvanov | [siarbuzov@tpu.ru](mailto:siarbuzov@tpu.ru)  +73822426307 | 1. Problems of radiogeochemistry and radioecology 2. Environmental geochemistry |
| Natalia V. Baranovskaja | [yazikoveg@tpu.ru](mailto:yazikoveg@tpu.ru)  +73822606199 | Geochemistry of living matter (biogeochemistry) |
| Egor G. Yazikov | [natalya.baranovs@mail.ru](mailto:natalya.baranovs@mail.ru)  +73822563350 | Ecological-geochemical researches of natural environments in urban areas |
| Nina A. Osipova | [osipova-nina@yandex.ru](mailto:osipova-nina@yandex.ru)  +73822418910 | Evaluating the current human health risks from chemicals in ambient air, soil, water |
| Victor A. Domarenko | [talovskaj@yandex.ru](mailto:talovskaj@yandex.ru)  +73822418910 | Metallogeny of strategic metals |
| Anna V. Talovskaya | evgen-san@inbox.ru | Geochemistry of aerozoles |
| Leonid P. Rikhvanov | [Department of Geoecology and Geochemistry](http://tpu.ru/en/structure/institutes/INR/gg/) | s\_ma@rambler.ru | Radioactive elements in the environment |
| Sergei I. Arbuzov | [krivtcova@tpu.ru](mailto:krivtcova@tpu.ru)  +73822606314 | Geochemistry of coals |
| Egor G. Yazikov | [usheva@tpu.ru](mailto:usheva@tpu.ru) | Geochemical monitoring of environments |
| Natalia V. Baranovskaja | [ivashkinaen@tpu.ru](mailto:ivashkinaen@tpu.ru)  +73822606337 | Geochemistry of living substance |
| Nina A. Osipova | mkirgina@tpu.ru | Man-made systems and environmental risk |
| Anna V. Talovskaya | [ktxng@tpu.ru](mailto:ktxng@tpu.ru)  +73822426153 | Aerosols in the environment |
| Evgeniy V. Popok | Department of Fuel Engineering and Chemical Cybernetics | [OSavichev@mail.ru](mailto:OSavichev@mail.ru)  +79050898964 | Syntheses based on CO and hydrogen |
| Marina A. Samborskaya | [rikhvanov@tpu.ru](mailto:rikhvanov@tpu.ru)  +73822419477 | Engineering in Aspen Hysys |
| Nadezhda I. Krivtsova | [siarbuzov@tpu.ru](mailto:siarbuzov@tpu.ru)  +73822426307 | The study of physical and chemical properties of oil and oil products |
| Natalia V. Usheva  Elena S. Klebnikova | [yazikoveg@tpu.ru](mailto:yazikoveg@tpu.ru)  +73822606199 | Modeling of oil and gas field processing |
| Elena N. Ivashkina  Elena S. Klebnikova | [natalya.baranovs@mail.ru](mailto:natalya.baranovs@mail.ru)  +73822563350 | Modeling of petrochemical processes |
| Maria V. Kirgina | [osipova-nina@yandex.ru](mailto:osipova-nina@yandex.ru)  +73822418910 | Mathematical modeling of motor fuels production |
| Alexander V. Rudachenko | [Department of Oil and Gas Storage and Transportation](http://tpu.ru/en/structure/institutes/INR/ogst/) | [talovskaj@yandex.ru](mailto:talovskaj@yandex.ru)  +73822418910 | Modern technology in oil and gas pipeline engineering |
| Oleg G. Savichev | [Department of Hydrogeology, Engineering Geology and Hydrogeoecology](http://tpu.ru/en/structure/institutes/INR/hegh/) | evgen-san@inbox.ru | Hydrochemistry of the rivers and bogs, mathematical modelling of hydrological and hydrochemical processes, hydrological and geoecological substantiation of civil-engineering designs |
| Ludmila A. Strokova | [sla@tpu.ru](mailto:sla@tpu.ru)  strokova@sibmail.com  +79539287205 | 1. Physical and mechanical properties of soils 2. Engineering-geological zoning of territories   Dangerous geological and engineering-geological processes |
| **Institute of Non-Destructive Testing**  http://tpu.ru/en/structure/institutes/ndt/ | | | |
| Vladimir M. Zykov | [Testing Center](http://tpu.ru/en/structure/institutes/ndt/lacindt/tc/) | [vmz@tpu.ru](http://tpu.ru/today/tpu-structure/instituty-fakultety-kafedry/ink/lab-ink/ic/)  +73822418711 | 1. A complete cycle control, attributive, certification testing and research materials, components and electronic component base of domestic and foreign production for resistance to ionization dose effects caused by prolonged low-intensity exposure to ionizing radiation of outer space 2. Development of methods and means tests for radiation electrification structural dielectrics, as well as elements and subsystems of spacecraft based on them, including the orientation and stabilization subsystem |
| Alexey V. Yurchenko | [Department of Information-Measuring Engineering](http://tpu.ru/en/structure/institutes/ndt/ime/) | [niipp@inbox.ru](mailto:niipp@inbox.ru)  +79138260301 | Renewable energy |
| Evgeniy V. Yakimov | [socrat1975@tpu.ru](mailto:socrat1975@tpu.ru)  +73822418911 | Devices and methods of control |
| Sergey V. Romanenko | [Department of Ecology and Basic Safety](http://tpu.ru/en/structure/institutes/ndt/ebs/) | [svr@tpu.ru](mailto:svr@tpu.ru)  +73822563650  +79059900278 | Improving of environmental analysis methods |
| Valeriy A. Perminov | [perminov@tpu.ru](mailto:perminov@tpu.ru)  +79832301677 | Mathematical modeling of wildfires |
| Rafik R. Ahmedjanov | [arr@tpu.ru](mailto:arr@tpu.ru)  +79138759763 | Ecological toxicology |
| Olga B. Nazarenko | [olganaz@tpu.ru](mailto:olganaz@tpu.ru)  +79059900189 | Development and research of polymeric composite materials with low flammability on the basis of epoxy resin and nano- and submicron inorganic fillers |
| Alexander I. Sechin | [sechin@tpu.ru](mailto:sechin@tpu.ru)  +79039510881 | Analysis of fire and explosive properties of substances and the choice of the factors leading to the characteristic accidents to prevent them in the conditions of the physical treatment of the material |
| Tamara G. Nesterenko | [Department of Precision Instrument Making](http://tpu.ru/en/structure/institutes/ndt/pim/) | ntg@tpu.ru | Methods of multicomponent integrated microelectromechanical gyroscopes and accelerometers design and system modeling |
| Viktor S. Dmitriev | dmitriev@tpu.ru | Basics of Spacecrafts design |
| Irina S. Lobanova | [Department of Physical Methods of Non-Destructive Testing](http://tpu.ru/en/structure/institutes/ndt/pmndt/) | [konarevai007@tpu.ru](mailto:konarevai007@tpu.ru)  +79069506680 | Visual and measuring; liquid penetrant testing method of distraction testing |
| Aleksey N. Kalinichenko | [lex-k@tpu.ru](mailto:lex-k@tpu.ru)  +79069508663 | Vibro-diagnostic |
| Aleksey I. Soldatov | [Department of Industrial and Medical Electronics](http://tpu.ru/en/structure/institutes/ndt/imel/) | asoldatof@tpu.ru | Acoustic testing of composite materials |
| Evgeniy Yu. Burkin | burkin@tpu.ru | Power electronics |
| Aleksandr A. Aristov | aristov@tpu.ru | Optical methods in biomedical engineering |
| Stanislav N. Torgaev | torgaev@tpu.ru | Digital signal processing |
| Vladimir P. Vavilov | [Thermal Control Methods Lab No. 34](http://tpu.ru/en/structure/institutes/ndt/lacindt/tcml/) | vavilov@tpu.ru | Infrared Thermographic Non-Destructive Testing of Composites |
| Tatiana V. Fursa | [Electronics, Semiconductors and Dielectrics Lab](http://tpu.ru/en/structure/institutes/ndt/lacindt/edsl/) | [fursa@tpu.ru](mailto:fursa@tpu.ru)  +73822564531 | Non-destructive testing of structural characteristics, defects and stress-strain state of composite materials |
| Sergei A. Gyngazov | [ghyngazov@tpu.ru](mailto:ghyngazov@tpu.ru)  +73822563864 | Radiation-stimulated diffusion in nonmetallic materials |
| Anatoliy A. Bespalko | [besko48@tpu.ru](mailto:besko48@tpu.ru)  +73822606304 | 1. Development of methods of monitoring and short-term forecasting of geodynamic processes by parameters of mechanoelectric transformations in rocks 2. Non-destructive testing of strength and destructive zones development in heterogeneous dielectric materials by parameters of electromagnetic signals and characteristics of electromagnetic emission |
| Sergei V. Chakhlov | [Technical Tomography And Introscopy Lab No. 40](http://tpu.ru/en/structure/institutes/ndt/lacindt/ttil40/) | [chakhlov@tpu.ru](mailto:chakhlov@tpu.ru)  +73822417814 | X-ray Computational Radiography and Tomography |
| Sergei P. Osipov | [osip1809@rambler.ru](mailto:osip1809@rambler.ru)  +73822417814 | Method of Dual High-Energy Radiography |
| Hans-Michael Kroening | Tomsk Open Laboratory For Material Inspection | sednev@tpu.ru  +79234400415 | 1. Ultrasonic tomography 2. Application of half shells transducers as Huygens type acoustic point sources 3. Material microstructure characterization by means of nondestructive testing |
| **Institute of High Technology Physics**  http://tpu.ru/en/structure/institutes/yit/ | | | |
| Sergey V. Panin | [Department of Material Science in Mechanical Engineering](http://tpu.ru/en/structure/institutes/htp/msme/) | [svp@ispms.tsc.ru](mailto:svp@ispms.tsc.ru)  +73822286904 | Polymeric composite materials |
| Gennady Y. Remnev | [Lab No.1](http://tpu.ru/en/structure/institutes/htp/labs/l1/) | [remnev06@mail.ru](mailto:remnev06@mail.ru)  +73822606405+79138824494 | Pulsed electron and ion accelerators and beam-plasma technologies |
| Anna G. Knyazeva | [Department of High Technology Physics in Mechanical Engineering](http://tpu.ru/en/structure/institutes/htp/htpme/) | [anna-knyazeva@mail.ru](mailto:anna-knyazeva@mail.ru)  +73822606159 | 1. Modeling of stages of technology processes of treatment and synthesis of new materials 2. Development of numerical algorithms for the solution of coupling problems of heat and mass transfer with chemical conversions in deformable media |
| Alexander P. Ilyin | [Department of General and Inorganic Chemistry](http://tpu.ru/en/structure/institutes/htp/gic/) | [genchem@mail.ru](mailto:genchem@mail.ru)  +73822606166 | 1. Manufacture of nanomaterials, their structure and properties 2. Chemical methods of preparation of Fe, Co, Ni & Cu micron powders |
| Andrey V. Korshunov | [korshunov@tpu.ru](mailto:korshunov@tpu.ru)  +73822606166 | 1. Electrochemical properties and corrosion resistance of nanostructured metals and alloys 2. Kinetics of oxidation of metal nanopowders |
| Artem S. Yudin | [Department of High Voltage Engineering and Electrophysics](http://tpu.ru/en/structure/institutes/htp/hvee/) | [wm5@tpu.ru](mailto:wm5@tpu.ru)  +79528906995 | Electrodischarge destruction of rock and concrete |
| Sergey M. Martemyanov | [martemyanov@tpu.ru](mailto:martemyanov@tpu.ru)  +79069596760 | Underground pyrolitic conversion of solid fossil fuels |
| Nikita V. Martyushev | [Department of Material Science and Process Metallurgy](http://tpu.ru/en/structure/institutes/htp/mspm/) | [martjushev@tpu.ru](mailto:martjushev@tpu.ru)  +73822606285 | 1. Molding of copper alloys 2. Molding of babbits 3. Modifying by nanopowders of alloys of non-ferrous metals |
| Tatiana G. Korzhneva | [Department of Lasers and Lighting Engineering](http://tpu.ru/en/structure/institutes/htp/lle/) | [korzhneva@tpu.ru](mailto:korzhneva@tpu.ru)  +79138873420 | Lighting aesthetics and design |
| Ilya Yu. Zykov | [zykov@tpu.ru](mailto:zykov@tpu.ru)  +79138444849 | Interaction of laser radiation with metal materials |
| Ksenia P. Tolkacheva | [tkp@tpu.ru](mailto:tkp@tpu.ru)  +79138086878 | Designing lighting systems using special software packages , including on the basis of terrestrial laser scanning data |
| Vladimir I. Oleshko | [oleshko@tpu.ru](mailto:oleshko@tpu.ru)  +73822606310 | 1. Electron-beam methods of diagnosis LED nanoheterostructures 2. Research of energetic materials by electron-beam methods |
| Elena F. Polisadova | [elp@tpu.ru](mailto:elp@tpu.ru)  +73822606310 | Time-resolved spectroscopy of crystals, doped glasses, nanomaterials |
| Victor M. Lisitsyn | [lisitsyn@tpu.ru](mailto:lisitsyn@tpu.ru)  +73822419831 | Radiation solid state physics and spectroscopy of crystals, phosphors, nanomaterials |
| Boris P. Gritsenko | [gritsenko@ispms.tsc.ru](mailto:gritsenko@ispms.tsc.ru)  +73822286926‎ | Development and design of LED light sources |
| Vladimir P. Tsipilev | [tsypilev@tpu.ru](mailto:tsypilev@tpu.ru)  +73822606292 | The study of interaction of laser radiation with substance, including energy materials |
| Vladimir I. Korepanov | [korepanov@tpu.ru](mailto:korepanov@tpu.ru)  +73822606310 | 1. Pulsed luminescence and absorption spectrometry of optical materials under excitation by electron-beams and optical radiation 2. The development of LED lighting systems for plants |
| Victor F. Shtanko | [shtanko@tpu.ru](mailto:shtanko@tpu.ru)  +73822606310 | 1. Pulsed luminescence fluorides of alkaline earth metals 2. Cathodoluminescence direct-gap semiconductors at high excitation levels |
| Victor F. Shtanko  Sergey A. Stepanov | [shtanko@tpu.ru](mailto:shtanko@tpu.ru)  [stepanovsa@tpu.ru](mailto:stepanovsa@tpu.ru)  +73822606310 | Mathematical modeling of the energy release in semiconductors and dielectrics when exposed pulsed electron beams |
| Alexey N. Yakovlev | yakovlev\_an@tpu.ru‎  +73822701619 | 1. Modelling of processes of defects formation and the processes of light scattering in a powdery substance by using the Monte Carlo method 2. The development of LED lighting systems for plants |
| Alexander E. Abakumov  Valeriy M. Pogrebenkov | [Department of Silicate and Nanomaterials Technology](http://tpu.ru/en/structure/institutes/htp/snt/) | [chtd@tpu.ru](mailto:chtd@tpu.ru)  +73822563169 | The development of fine and building ceramics |
| Tatiana S. Petrovskaya | [pts@tpu.ru](mailto:pts@tpu.ru)  +73822563169 | The development of bioactive materials, compositions and coatings for implant surgery |
| **Institute of Cybernetics**  http://tpu.ru/en/structure/institutes/cy/ | | | |
| Alexander M. Malyshenko | [Department of Integrated Computer Control Systems](http://tpu.ru/en/structure/institutes/cy/iccs/) | [mam@tpu.ru](mailto:mam@tpu.ru)  +73822701837 | Fundamental and applied research in mechatronics, robotics and automatic control |
| Valeriy I. Goncharov | [gvi@tpu.ru](mailto:gvi@tpu.ru)  +73822701837 | 1. High-capacity adaptive controllers and identifiers of automatic control systems and their end-to-end study 2. New science and technology-based approach to design adaptive automatic control systems with lumped and distributed parameters |
| Mikhail A. Sonkin | [Department of Informatics and System Design](http://tpu.ru/en/structure/institutes/cy/cads/) | [sonkin@tpu.ru](mailto:sonkin@tpu.ru) | 1. Intelligence telecommunication navigation control systems of mobile response teams and control centers 2. New generation telecommunication systems |
| Dmitriy M. Sonkin | [sonkind@tpu.ru](mailto:sonkind@tpu.ru) | Transport travel monitoring systems |
| Gennadiy P. Tsapko  Sergey G. Tsapko | [Department of Automatics and Computer Systems](http://tpu.ru/en/structure/institutes/cy/acs/) | [gtsapko@tpu.ru](mailto:gtsapko@tpu.ru)  [tsapko@tpu.ru](mailto:tsapko@tpu.ru)  +73822606382  +73822606383 | 1. Programming units of information system integration 2. Complex technical system emulators 3. Information support of synchrotron experimental studies |
| Vasiliy V. Kurganov | [kurganov@tpu.ru](mailto:kurganov@tpu.ru) | Overall technological process automation |
| Nikolaiy G. Markov  Anton V. Kudinov | [Department of Computer Engineering](http://tpu.ru/en/structure/institutes/cy/ce/) | [markovng@tpu.ru](mailto:markovng@tpu.ru)  [kudinovav@tpu.ru](mailto:kudinovav@tpu.ru)  +73822419149  +73822701609 | Theoretical basics and software of intelligence geo information systems to control manufacturing plant operation |
| Vladimir G. Spitsyn | [spvg@tpu.ru](mailto:spvg@tpu.ru)  +73822701609 | Computational intelligence methods and algorithms for video and image recognition |
| Valeriy L. Kim | [vlkim@tpu.ru](mailto:vlkim@tpu.ru)  +73822701609 | Multifunctional instrumentation, digital signal processing |
| Dmitriy Yu. Stepanov  Victor P. Ivanchenkov  Oleg V. Orlov | [Department of Applied Mathematics](http://tpu.ru/en/structure/institutes/cy/am/) | [stepd@tpu.ru](mailto:stepd@tpu.ru)  [ivp@tpu.ru](mailto:ivp@tpu.ru)  [orloff@tpu.ru](mailto:orloff@tpu.ru) | Geophysical data processing (seismic data processing software, methods and algorithms) |
| Alexander V. Kozlovskih  Alexander S. Ogorodnokov | [avk41@tpu.ru](mailto:avk41@tpu.ru)  [aso@tpu.ru](mailto:aso@tpu.ru) | Mathematical techniques in economic studies and sequencing |
| Yuriy V. Babyshkin  Vyacheslav P. Zimin | [yuvb@tpu.ru](mailto:yuvb@tpu.ru)  [zimin@tpu.ru](mailto:zimin@tpu.ru)  +73822706322 | Mathematical techniques in industrial process control systems |
| Vladimir A. Kochegurov  Olga M. Gerget  Konstantin A. Sharopin | [kva1@tpu.ru](mailto:kva1@tpu.ru)  [gerget@tpu.ru](mailto:gerget@tpu.ru)  [kashar@tpu.ru](mailto:kashar@tpu.ru)  +73822606139 | Mathematical data analysis (pattern recognition) in medical research |
| Victor P. Ivanchenkov  Alexander I. Kochegurov  Oleg N. Vylegzhanin | [ivp@tpu.ru](mailto:ivp@tpu.ru)  [kaicc@tpu.ru](mailto:kaicc@tpu.ru)  [won@tpu.ru](mailto:won@tpu.ru)  +73822606140 | Digital signal and image processing of spati-temporal seismic fields |
| Vladimir P. Grigorev  Tamara V. Koval | [grig@tpu.ru](mailto:grig@tpu.ru)  [tvkoval@tpu.ru](mailto:tvkoval@tpu.ru) | Mathematical modeling of physical processes in charged particle beams and electromagnetic radiation plasma |
| Olga G. Berestneva | [ogb@tpu.ru](mailto:ogb@tpu.ru)  +73822606138 | 1. Intelligence systems of pregnant women and children health assessment 2. Social-psychological features of pregnant women 3. Training quality assessment: system research and technology |
| Anatoliy F. Tyzovskij | [Department of Control System Optimization](http://tpu.ru/en/structure/institutes/cy/cso/) | [tuzovskyaf@tpu.ru](mailto:tuzovskyaf@tpu.ru)  +73822606132 | Knowledge management system based on ontologic models and semantic technologies |
| Victor A. Silich | [vas@tpu.ru](mailto:vas@tpu.ru) | Systems analysis and business process reengineering |
| Sergey V. Aksenov | [axyonov@tpu.ru](mailto:axyonov@tpu.ru) | Neural network technologies in data processing |
| Dmitriy Yu. Kyznetsov  Igor L. Chudinov | [dima@tpu.ru](mailto:dima@tpu.ru)  [chil@tpu.ru](mailto:chil@tpu.ru)  +73822705015  +73822705005 | Computer-assisted university |
| Vladimir P. Komagorov | [komagorov@tpu.ru](mailto:komagorov@tpu.ru)  +73822606134 | 1. Computer simulation of oil and gas field design and management processes 2. Corporate information systems based on computer networks and telecommunications |
| Petr Ya. Kraynish | [Department of Automation and Robotics in Mechanical Engineering](http://tpu.ru/en/structure/institutes/cy/arme/) | [peterkrau@tpu.ru](mailto:peterkrau@tpu.ru)  +73822419551 | Dynamics and durability of machines, tools and equipment |
| Mark G. Goldshmidt | [mark@tpu.ru](mailto:mark@tpu.ru) | Automated equipment and technologies of various purposes |
| Dmitriy P. Kraynish | [dpkrauinjsh@tpu.ru](mailto:dpkrauinjsh@tpu.ru) | Design and manufacturing of unsupported engine mockups |
| Alexey N. Gavrilin  Evgeniy A. Sikora | [gawral@tpu.ru](mailto:gawral@tpu.ru)  [o-sea@tpu.ru](mailto:o-sea@tpu.ru)  +73822419674 | Vibrating devices, vibration diagnostics, and vibration protection of production equipment elements |
| Sergey E. Buchanchenko | [triboss@tpu.ru](mailto:triboss@tpu.ru) | Triboengineering research of structural materials and lubricants in static and dynamic conditions. Triboengineering and automated complexes |
| Maria S. Kuhta | [kuhta@tpu.ru](mailto:kuhta@tpu.ru) | 1. Philosophy of science and technology 2. Technical esthetics and design |
| Yuriy. B. Chervach | [Department of Automated Engineering Technology](http://tpu.ru/en/structure/institutes/cy/aet/) | [chervach@tpu.ru](mailto:chervach@tpu.ru)  +73822606389 | Restoration of precision couplings by diamond burnishing |
| Vladimir S. Korotkov | [kvs@tpu.ru](mailto:kvs@tpu.ru)  +73822606389 | Wave gears for small-scale mechanization drives |
| Maria N. Bogolubova | mnbogoljubova@tpu.ru  +73822606389 | Computer-aided production planning with CNC machines |
| Sergey I. Petrushin | [psi@tpu.ru](mailto:psi@tpu.ru)  +73822606389 | Assembly instruments with removable polyhedral plates |
| Sergey V. Kirsanov | [kirssanov@tpu.ru](mailto:kirssanov@tpu.ru)  +73822606389 | Modern cutting tools |
| Vladimir F. Skvortsov | [tmri@tpu.ru](mailto:tmri@tpu.ru)  +73822606390 | Small diameter holes mandrelling |
| Alexey Yu. Arlyapov | [arlyapov@tpu.ru](mailto:arlyapov@tpu.ru)  +73822606390 | Small diameter deep holes burnishing |
| Alena A. Zacharova | [Department of Engineering Graphics and Industrial Design](http://tpu.ru/en/structure/institutes/cy/egid/) | [zaa@tpu.ru](mailto:zaa@tpu.ru)  +73822606298 | 3-D modeling of oil and gas fields |
| Sergey V. Myravev | [Department of Computer-Aided Measurement Systems and Metrology](http://tpu.ru/en/structure/institutes/cy/camsm/) | E[muravyov@tpu.ru](mailto:muravyov@tpu.ru)  +73822417527  +73822420449 | 1. Scientific grounds for designing intellectual sensor systems of measurement and control of physical and chemical parameters of natural and manufacturing sites 2. Computer systems for metrological analysis and measurement of production processes parameters |
| Anton I. Zarevich | [antonzarevich@tpu.ru](mailto:antonzarevich@tpu.ru) | Precision inductance dividers, nanovolt-measurement |
| Yuriy M. Fomichev | [fym@tpu.ru](mailto:fym@tpu.ru)  +73822417527 | 1. Metrological supervision of electrical power meters 2. AC voltage calibration devices |
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