

## PostDoc TPU

Scientia Libertas Prosperitas

■ Tomsk Polytechnic University in **TOP FOUR** universities-leaders of the Programme on Competitiveness Enhancement of 5-100 Russian universities

■ TPU in **TOP 100** of the Best Universities of BRICS according to QS

■ **THE 3RD POSITION** among leading Russian technical universities (in the national ranking of Expert RA agency)



Fixed term employment contract of one of the leading Universities in Russia



TPU is a member and initiator of Top scientific projects



Starting salary is 60000 russian roubles. A generous and comprehensive benefits package



Opportunity to collaborate with top world scientists. Professor Dan Shechtman, Nobel Prize winner is the head of TPU International scientific Council

## 8 REASONS

to choose TPU for postdoctoral position



Tomsk is a unique educational, scientific and innovative center of Russia. The average age of population is 38 years, every 8th citizen is a student



Actual for world association researches



Accommodation on modern campus in historical part of Tomsk



Advanced research and development equipment

## HOW TO BECOME A POSTDOC OF TPU?

### Eligibility conditions:

- Under the age of 35
- PhD degree
- Fluent English
- H-index>2
- Publications in journals with impact>1

### STEP 1

**Choose the project** and scientific supervisor on the web-site [www.hr.tpu.ru](http://www.hr.tpu.ru)

### STEP 3

**Send an application** over email: [hr@tpu.ru](mailto:hr@tpu.ru)

### STEP 5

**Receive an invitation** from TPU

**Fill in the application form**

### STEP 2

**Be interviewed** by a scientific supervisor

### STEP 4

An outline of the program  
"Postdoc at TPU"  
[www.hr.tpu.ru](http://www.hr.tpu.ru)



Application form  
[www.hr.tpu.ru](http://www.hr.tpu.ru)





«Today our university is one of the national leaders in training elite specialist in engineering and conducting advanced researches. It is no coincidence that TPU has become the first university in Russia where postdoctoral fellowship started. Though the postdoctoral fellowship appeared not so long time ago in particular due to the government assistance, we have achieved measurable results. Beyond all doubt "Postdoctoral fellowship at TPU" is the direction that must be developed. The future of Russian and international science is in Our hands!».

**Professor Petr S. Chubik,**  
Rector of TPU

## WHAT DO PEOPLE SAY about the project "Postdoc at TPU"



«When the first postdoctoral positions were opened at TPU I was very happy because I got an opportunity to advance my major research field. Postdoctoral position made me free from lectures, seminars and tutorials. In my own time I am working on doctorate thesis, writing articles and grant proposals and also I am working with gifted youth. In two years of participation in Postdoctoral program I have received an international contract with French scientists from University of Nantes. I plan to undertake research internship there».

**Marina Trusova,**  
Department of Bioengineering  
and organic synthesis



«There are two main reasons why I have chosen Toms polytechnic university. First of all TPU is in close collaboration with Trento University (Italy) that I have graduated from. Secondly I like to travel and work in different countries. Earlier I did a postdoctoral research in Thailand. I am not disappointed in having chosen TPU for doing postdoctoral research because the laboratory I work in has all necessary equipment for experiments and research. Furthermore my work at TPU has helped me to improve the skills which are required when working as a researcher».

**Daniel Didino,** International Scientific  
Educational Laboratory for the  
Improvement of Wellbeing Technologies  
of Older Adults, Institute of Social and  
Humanitarian Technologies, TPU



«After defending my PhD thesis at the University of Orleans I went on working as a postdoctoral fellow there and at the combustion laboratory (French National Center for Scientific Research).

After termination of the contract I was looking for research vacancies at the universities all around the world. I have chosen TPU. Challenging and actual research projects, reputation and high level of research and development activities were the crucial factors in taking the decision. The laboratories where ambitious and talented young researches work is equipped with up-to-date experimental devices and it conforms to international standards. Communication and discussion of urgent problems with my colleagues is the formulas for successful solving of tasks at hand».

**Evgeniy Orlik,**  
Department of Heat  
and Power Process Automation

## POSTDOC TPU - actual for world association researches



**TPU projects**  
[www.news.tpu.ru](http://www.news.tpu.ru)

### SAFE ENVIRONMENT

- Inspection systems and non-destructive examinations of buildings and devices
- Non-destructive testing and diagnostics
- Materials for extreme conditions
- Domestic and industrial waste recycling

### MEDICAL ENGINEERING

- Bioengineering materials and technologies
- Radiation technologies in bioengineering
- Electrophysical biomedical complexes

### SUSTAINABLE ENERGY

- High-temperature superconductivity technologies for energy production
- Nuclear and hydrogen fuel of the new generation
- Hybrid simulation in energy production
- Resource-efficient generation

### COGNITIVE SYSTEMS AND TELECOMMUNICATIONS

- Cognitive software and hardware systems
- Wireless telecommunication systems and technologies

### SOCIAL SCIENCES AND HUMANITIES AND ENGINEERING

- Social sciences and humanities component of engineering
- Mechanisms of technical innovations initiation and engineering forethought

### THE PLANET RESOURCES

- Siberian arctic shelf
- hard-to-extract hydrocarbon reserves
- Investigation of world ocean resources with the help of autonomous underwater robots

**PostDoc at TPU -**  
we are specifically  
interested in Your  
academic development!



TPU, Tomsk,  
Lenin Avenue, 30,  
Main Building, Office 330



+7(3822)701-777(1073)  
+7(3822)606-226



[postdoc@tpu.ru](mailto:postdoc@tpu.ru)  
[hr@tpu.ru](mailto:hr@tpu.ru)