



Young Scientists Conference

Renewable Energy - Biotechnology - Nanotechnology

Tomsk (Russia) - 19-23 May 2014

International Young Scientists Conference “Renewable Energy - Biotechnology – Nanotechnology” will be held at National Research Tomsk Polytechnic University (TPU), Tomsk, Russia, **19-23 May 2014**

German-Russian cooperation in the fields of natural science is one of the major topics within the knowledge and technology transfer of the partner countries. Since 2005 special bilateral networks for the subject areas of Biotechnology, Nanotechnology and Environmental Technology were created to initiate and enforce further cooperation between companies and scientific institutions in both countries. By the dynamic shifts in the international scientific community within the last few years the demand on support of Young Academics has grown extremely. To face these needs our networks established special conferences for young scientists. Within this action line Tomsk Polytechnic University (TPU) and East-West-Science Centre (OWWZ) organize a Young Scientists Conference in Tomsk on the basis of a cross-linked environmental concept involving the fields of Biotechnology, Nanotechnology and Renewable Energy.

The conference is organized by:

East-West-Science Center (OWWZ), Kassel University

Tomsk Polytechnic University (TPU)

Institute of Power Engineering (Yuri S. Borovikov, PhD, Director)

Institute of High Technology Physics (Alexey N. Yakovlev, PhD, Director)

Nano-Centre and Department "Nanomaterials and Nanotechnologies" (Oleg L. Khasanov, Professor, Head of Department)

CONFERENCE TOPICS & SESSIONS:

<p>1. Renewable Energy</p> <ul style="list-style-type: none"> • Sustainable system development • BioEnergy • Decentralised energy supply 	<p>2. Biotechnology</p> <ul style="list-style-type: none"> • Biomass conversion • Power to gas • Environmental remediation 	<p>3. Nanotechnology</p> <ul style="list-style-type: none"> • Waste water treatment / filtration • Surface coatings • Nanotechnologies for applications
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The Conference official language is **English**.

The best works are to be published in a journal with a SCOPUS index.

The best presentations of scientific papers will be awarded with diplomas.

CHECKLIST FOR AUTHORS

Authors are expected to submit from 4 to 6 pages, meeting the **Requirements**. One author may submit no more than 2 papers. The papers can be submitted through e-mail: Petrashova@tpu.ru
The papers should be submitted as two files.

The first file (**Registration form**) contains the full information on the authors. This file name should indicate: <**author surname**> then Dash sign < - > then <**the session number**>. For example: **Ivanova-inf-s1.doc**; **Smith-inf-s3.doc**.

Registration deadline 1 May, 2014

The second one contains the full paper text. This file name should indicate: <**author surname**> then Dash sign < - > then <**the session number**>. For example: **Ivanova-paper-s1.doc**; **Smith- paper-s3.doc**.
The participants registration list is available on <http://ysc.tpu.ru>

Deadline for papers 10 May, 2014

NB! Since no proofreading will be provided, check your papers very carefully before sending to the Organizing Committee.
Programme Committee:

Mikhail A. Sonkin	Dr, Prof., Vice-Rector for Research and Innovations, Tomsk Polytechnic University
Alexey N. Pestryakov	Dr, Prof., Deputy Vice-Rector for Research and Innovations, Tomsk Polytechnic University
Gabriele Gorzka	East-West-Science Center (OWWZ), Kassel University, Germany
Nicole Burghardt	Kassel University , Germany
Dirk Kirchner	Fraunhofer Institute for Wind Energy and Energy System Technology, Germany
Liina Nurk	Kassel University, Germany
Alexey Ivanov	Furtwangen University, Germany
Nils Schäfer	Fraunhofer Institute for Wind Energy and Energy System Technology, Germany
Walter Stinner	German Biomass Research Centre (DBFZ), Germany
Timo Ueltzhöffer	Kassel University, Germany
Alexey N. Yakovlev	PhD, Director, Institute of High Technology Physics, Tomsk Polytechnic University
Yuri S. Borovikov	PhD, Director, Institute of Power Engineering, Tomsk Polytechnic University
Oleg L. Khasanov	Dr, Head, Department of Nanomaterials and Nanotechnologies, Director, Nanomaterials and Nanotechnologies Centre, Tomsk Polytechnic University

Organizing Committee

Tamara G. Petrashova	Head of the Project, PhD, Associate Professor, Department of Foreign Languages, Institute of Physics and Technology , TPU , Tomsk, Russia
Evgenia V. Frantsina	Academic Career Center, Director TPU, Tomsk, Russia
Yulia V. Falkovich	Leading Expert, Coordinator for International Research, Science and Innovation Office, PhD, Associate Professor, Tomsk, Russia
Liliya G. Kiryanova	PhD, Head, Communication Policy Division, Tomsk Polytechnic University
Alexandra A. Panina	PhD, Ass. Prof., Department of Nanomaterials and Nanotechnologies, Institute of High Technology Physics, Tomsk Polytechnic University
Alexander Ya. Park	Assistant lecturer, Department of Industrial Electric Power Supply, Institute of Power Engineering, Tomsk Polytechnic University
Mikhail A. Surkov	PhD, Ass. Prof., Department of Industrial Electric Power Supply, Institute of Power Engineering, Tomsk Polytechnic University
Nikita V. Martyushev	PhD, Ass. Prof., Department of Material Science and Process Metallurgy, Institute of High Technology Physics, Tomsk Polytechnic University
Olga V. Sidorova	Expert, Academic Career Center, TPU, Tomsk, Russia, member of Organizing Committee.

Please contact the Organizing Committee at TPU

phone +7-3822- 563- 888;

fax +7(3822) 563 888

e-mail: petrashova@tpu.ru

Web-site: <http://ysc.tpu.ru>



Contact in Germany:

East-West-Science Center (OWWZ)

Kassel University

Dr. Gabriele Gorzka

Dipl.-Biol., MSc. Nicole Burghardt

Fon: +49 561 804-3609

E-Mail: gorzka@uni-kassel.de

Web-

site:www.tomsk2014.owwz.de

UniKasselTransfer

Ost-West-Wissenschaftszentrum

The Young Scientists Conference – Renewable Energy - Biotechnology - Nanotechnology is included into the list of the events in the EU-Russia Year of Science 2014



