

DWIH  DEUTSCHES WISSENSCHAFTS-  
UND INNOVATIONSHAUS  
MOSKAU

**DAAD**

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

**DFG**

Deutsche  
Forschungsgemeinschaft

# Second German-Russian Week of the Young Researcher

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## “Health and Society”

Yekaterinburg  
September 16-21, 2012



Auswärtiges Amt



Уральский  
федеральный  
университет  
имени первого Президента  
России Б.Н.Ельцина



RUSSIAN UNION OF  
YOUNG SCIENTISTS



РОССИЙСКАЯ АКАДЕМИЯ НАУК  
УРАЛЬСКОЕ ОТДЕЛЕНИЕ

### **Conference Hotel**

Hyatt Regency Yekaterinburg

8, Borisa Yeltsina Street,  
620014 Yekaterinburg, Russia

Tel: +7 343 253 1234

<http://ekaterinburg.regency.hyatt.com/hyatt/hotels-ekaterinburg-regency/>

### **Conference Location**

Ural Federal University  
named after First President of Russia B.N. Yeltsin

19, ul. Mira  
620002 Yekaterinburg, Russia

[www.ustu.ru](http://www.ustu.ru)

## **ДОБРО ПОЖАЛОВАТЬ!**

Dear Colleagues from Russia and Germany,

### **Welcome to the Second “Week of the Young Researcher”!**

Last year the idea was born to invite young researchers from Germany and Russia to come together and to discuss current topics of mutual interest. After the great success of the first week in Kazan it was decided to turn it into an annual event. Our main goal this week is to foster cooperation among the young scientists and researchers from both our countries who not so long from now will be setting the course of scientific cooperation between Russia and Germany, indeed, if we may say so, between Russia and Europe!

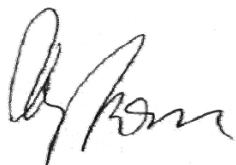
Research organizations and institutions of higher education of both our countries will this week introduce their programmes and showcase the platforms that they can offer, to Russian and German PhD students and PostDocs who wish to initiate collaborative projects or broader research networks.

We have chosen the Ural Federal University as the venue for this week with good reason, for Yekaterinburg is one of most important scientific centres in Russia. The University itself is the core of a regional research and innovation cluster and is closely linked to numerous institutes of the Ural Branch of the Russian Academy of Sciences. Not only does the university bear the name of Boris Yeltsin, the first elected President of the Russian Federation, but it also represents the new type of Federal universities manifesting recent higher education reforms.

We would like to express our gratitude to the Ural Federal University for its academic hospitality, to the Presidium of the Ural Branch of the Russian Academy of Sciences for its support, as well as to the Council of the Russian Union of Young Scientists (ROSMU) and its Chairman Dr. Aleksandr Shcheglov. And of course we thank all of you, the participants, for their involvement in this conference.

## **СПАСИБО ВАМ!**

Dr. Gregor Berghorn



German Academic Exchange Service  
Head of DAAD Office Moscow  
Managing Director of DWIH Moscow

Dr. Jörn Achterberg



German Research Foundation  
Head of DFG Office Moscow  
Deputy Director of DWIH Moscow

**September 16,  
Sunday**

06:00 - 18:00	Arrival of Participants	<i>Hotel Hyatt</i>
13:00	Light lunch	<i>Hotel Lobby 2<sup>nd</sup> floor</i>
14.00 - 18:00	Excursion to <ul style="list-style-type: none"><li>• Ganina Yama: Monastery of the Holy Tsarist Passion-Bearers</li><li>• Pervouralsk: Europe-Asia Border Column</li></ul>	<i>Start from Hotel Hyatt by bus</i>
19:00	<b>Words of Welcome</b> to the participants of the week by <ul style="list-style-type: none"><li>• Karsten Heinz, Counsellor, Head of Science and Education Section, Embassy of the Federal Republic Of Germany in Russia, Moscow</li><li>• Dr. Gregor Berghorn, DAAD Moscow</li><li>• Dr. Jörn Achterberg, DFG Moscow</li><li>• Dr. Liliya Bondareva, Deputy Chairperson of the Council of the Russian Union of Young Scientists (ROSMU)</li></ul>	<i>Hotel Hyatt "Firesight" Bar</i>

**September 17,  
Monday**

08:45-11:00	Excursion through Yekaterinburg by tram	<i>Start from Hotel Hyatt by bus</i>
11:00	Registration of Participants	<i>Ural Federal University (UrFU)</i>
12:00	<b>Musical Introduction</b>  <b>Official Opening of the Week</b> with welcome addresses by <ul style="list-style-type: none"><li>• Prof. Dr. Viktor Anatolyevich Koksharov, Rector of Ural Federal University, Yekaterinburg</li><li>• Prof. Dr. Valeri Nikolaevich Charushin Chairman of Ural Branch of Russian Academy of Sciences (UB RAS)</li><li>• Dr. Renate Schimkoreit, Consul General of the Federal Republic of Germany in Yekaterinburg</li></ul>	<i>UrFU "Aktovyj Zal"</i>

	<ul style="list-style-type: none"> <li>• Prof. Dr. Peter Funke, Vice-President, DFG</li> <li>• Prof. (em.) Dr. Max Huber, Former Vice-President, DAAD</li> <li>• Dr. Aleksandr Shcheglov, Chairman of the Council of the Russian Union of Young Scientists (ROSMU)</li> </ul>	
13:00	<p><b>Opening Lecture</b> “Medical Epigenetics“</p> <p>Prof. Dr. Roland Schüle</p> <p>Scientific Director, Department of Urology and Center for Clinical Research, University of Freiburg Medical Center</p> <p>- Discussion -</p>	
14:00	Lunch	<i>Dining Hall “Stolovaya INZHEK”</i>
14:30	<p>Introductory remarks to the 2<sup>nd</sup> German- Russian Week of the Young Researcher</p> <ul style="list-style-type: none"> <li>• Prof. Dr. Peter Funke, Vice-President, DFG</li> <li>• Prof. (em.) Dr. Max Huber, Former Vice-President, DAAD</li> </ul>	<i>UrFU, room I-420 “Zal Uchenogo Soveta”</i>
15:00	<p><b>Plenary Lecture</b> “Study of Cancer Mortality in a Rural population of the Northern Part of East-Ural Radioactive Trace”</p> <p>Dr. Ilia Yarmoshenko</p> <p>Institute of Industrial Ecology Ural Branch of Russian Academy of Sciences (UB RAS)</p> <p>- Discussion -</p>	
16:00	Coffee Break	
16:30 - 18:00	<p><b>Short Lectures of Young Researchers</b> Chair:</p> <ul style="list-style-type: none"> <li>• Prof. Dr. Roland Schüle, University of Freiburg</li> <li>• Dr. Ilia Yarmoshenko, UB RAS Yekaterinburg</li> </ul>	<i>UrFU, room I-420 “Zal Uchenogo Soveta”</i>

Mr. ZIJAZEDTINOV, Rustem: “New approach to special medical care for residents of rural areas of the state”

Mr. KONOVALOV, Aleksej: “Medical treatment in war territories”

Mrs. JANDAUSCH, Anett: “Identification of novel LSD1 target genes controlling tumour metastasis”

Mrs. SCHMIDT, Annemarie: “Dietary factors in the regulation of Crohn’s disease-like ileitis”

Mrs. MIRGORODSKAYA, Olga: “The study of outpatient medical care in the Russian Federation: situation and activity”

Mrs. MASNAVIEVA, Lyudmila: “Immunoreactivity of teenagers living in technogenic exposures”

19:30

**Evening Reception**

by the Consul General of the Federal Republic of Germany in Yekaterinburg

*Hotel Hyatt  
Ball Room C,  
2<sup>nd</sup> floor*

Dr. Renate Schimkoreit

<b>September 18, Tuesday</b>	<b>Science and Research in Yekaterinburg</b>
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09:30

Ural Federal University:  
Scientific Projects and International  
Cooperation

*UrFU,  
room I-420  
“Zal Uchenogo  
Soveta”*

Rector Prof. Viktor Koksharov

10:30

Ural Branch of Russian Academy of  
Sciences (UB RAS):  
Scientific Projects and International  
Cooperation

Aleksandr Sandakov, Head of Section  
International Relations, UB RAS

11:30

Coffee Break

12:00	<p><b>Plenary Lecture</b>  “Diabetes mellitus – A Growing Problem Worldwide”</p> <p>Prof. (em.) Dr. med. Hans-Jürgen Quabbe,  Freie Universität Berlin</p> <p>Head of Section Endocrinology/Diabetology,  Koch-Mechnikov-Forum</p> <p>- Discussion -</p>	
13:00	Lunch	<i>Dining Hall  “Stolovaya  INZHEK”</i>
14:00	<p><b>Plenary Lecture</b>  “Diabetes mellitus – Problems in Minority Populations“</p> <p>Prof. Dr. med. Ursula Plöckinger</p> <p>Interdisciplinary Centre of Metabolism:  Endocrinology, Diabetes and Metabolism,  Centre of Excellence for Rare Metabolic Diseases,  Charité-Universitätsmedizin Berlin</p> <p>- Discussion -</p>	<i>UrFU,  room I-420  “Zal Uchenogo  Soveta”</i>
15:15	Coffee Break	
15:45	<p><b>Short Lectures of Young Researchers</b>  Chair:</p> <ul style="list-style-type: none"> <li>• Prof. Dr. med. Ursula Plöckinger,  Charité Universitätsmedizin Berlin</li> <li>• Prof. (em.) Dr. med. Hans-Jürgen Quabbe,  Freie Universität Berlin</li> </ul> <p>Mrs. OVSJANNIKOVA, Alla: “Diabetes mellitus in young adults - the complexity of differential diagnosis”</p> <p>Mrs. SHCHEDRYGINA, Anastasia:  “Detection of vascular changes helps to prevent cardiovascular deceases, complications of diabetes”</p> <p>Mr. DÜBER, Dominik: “Public Health: Enabling or Threatening Autonomy?”</p>	

Mrs. GRUBER, Lisa: "High-fat feeding accelerates disease onset in a murine model of Crohn's Disease-like ileitis"

Mrs. VASILEVA, Lyubov: "Gender differences in microcirculation of arterial hypertension."

Mrs. TERENCEVA, Marina: The main factors and trends of formation of labour potential of the Komi Republic"

Mrs. SEDANOVA, Anna: "Mesoporous carbon sorbents for sorption of therapy"

Mr. SOSHNIKOV, Sergey: "Russian Public Health statistics in mathematical modeling"

Mr. SHATYLKO, Taras: "Urodynamic disorders of lower urinary tract in various diseases"

Mr. DUBLJEVIC, Veljko: „Principles of Justice in Neuroethics of Cognitive Enhancement"

18:30

Dinner

*Hotel Hyatt  
Ball room C  
2<sup>nd</sup> floor*

19:30

**Workshop:** "Sit together with the Presidents"  
Intensification of Scientific Cooperation  
between Russia and Germany

*Hotel Hyatt  
Emerald Hall  
2<sup>nd</sup> floor*

- Prof. Dr. Peter Funke,  
Vice-President, DFG
- Prof. (em.) Dr. Max Huber,  
Ex-Vice-President, DAAD

Chair: Dr. Jörn Achterberg, DFG Moscow,  
Dr. Gregor Berghorn, DAAD Moscow

<b>September 19, Wednesday</b>
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09:00

**DWIH Moscow**  
**Deutsches Haus für Wissenschaft und Innovation** / German Centre for Research and Innovation

*UrFU,  
room I-420  
"Zal  
Uchenogo  
Soveta"*

Dr. Gregor Berghorn, Managing Director



09:30	<p><b>ROSMU - Russian Union of Young Scientists</b></p> <p>Dr. Liliya Bondareva, Deputy Chairperson of the Council of ROSMU</p>	
10:00	<p><b>Max-Planck-Society</b> “Gaining Knowledge – the Max Planck Society and Russia”</p> <p>Dr. Per Brodersen, Cooperation with Russia/CIS, Berlin</p> <p>"International collaboration within MPI Partnergroup: experience and results"</p> <p>Dr. Andrey Katanin, Institute of Metal Physics, UB RAS</p>	
11:00	Coffee Break	
11:15	<p><b>German Academy of Sciences Leopoldina</b></p> <p>Dr. Ruth Narmann, Scientific Officer, Department International Relations, Halle</p> <p>- Discussion -</p>	
12:00	<p><b>Plenary Lecture</b> “Medical Law and Society“</p> <p>Prof. Dr. iur. Thomas Gutmann</p> <p>Chair of Civil Law, Philosophy of Law and Medical Law, University of Münster</p> <p>- Discussion -</p>	
13:00	Lunch	<i>Dining Hall “Stolovaya INZHEK”</i>
14:00	<p><b>Plenary Lecture</b> “Children’s Health”</p> <p>Prof. (em.) Dr. med. Jochen Ehrich</p> <p>MHH Children's Hospital, Hannover Medical School (MHH)</p>	<i>UrFU, room I-420 “Zal Uchenogo Soveta”</i>

Honorary Professor at SCCH RAMS,  
Scientific Center for Children's Health,  
Russian Academy of Medical Sciences

- Discussion -

15:15

Coffee Break

15:45

**Short Lectures of Young Researchers**

Chair:

- Prof. (em.) Dr. med. Jochen Ehrich,  
Hannover Medical School
- Prof. Dr. iur. Thomas Gutmann,  
University of Münster

Mrs. KUZNECOVA, Yuliya: "Legal interaction  
between patient and physician"

Mrs. TOPORKOVA, Nina: "The habilitation  
with preschool children with cerebral palsy in  
process of pedagogical support of their  
families"

Mr. LAUKÖTTER, Sebastian: "Health and  
Social Justice"

Mrs. RUDT, Yuliya: "The right to health as a  
constitutional value in Russia and Germany:  
the comparative analysis"

Mr. LOMINADZE, Georgiy: "The use MALDI-  
TOF mass spectrometry in a paediatric  
routine microbiology laboratory"

Mrs. IVLEVA, Svetlana: "Non-invasive  
method of assessment of the liver fibrosis  
stage in children with chronic hepatitis"

Mr. DERPMANN, Simon: "What is the Right  
to Health?"

Mrs. IGNATEVA, Mariya: "Human Resources  
of the Russian health care system and the  
efficiency of their use"

Mrs. DURMASHKINA, Alevtina: "Metabolic  
programming by early nutrition"

Mr. KASHEZHEV, Alsan: "Cochlear  
implantation - the new way of integration of  
deaf children into the normal society"

18:15	Dinner	<i>Hotel Hyatt Ball Room B 2<sup>nd</sup> floor</i>
19:15	<b>1<sup>st</sup> Workshop: How to write a successful proposal</b>  Nora Brüggemann, Group of Research Careers, DFG Bonn	<i>Hotel Hyatt Emerald Hall, 2<sup>nd</sup> floor</i>

<b>September 20, Thursday</b>
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09:00	<b>DAAD - Deutscher Akademischer Austauschdienst / German Academic Exchange Service</b>  Dr. Gregor Berghorn, Head of DAAD-Office in Moscow	<i>UrFU, room I-420 "Zal Uchenogo Soveta"</i>
10:00	<b>Alexander von Humboldt-Foundation</b>  Dr. Petr Stefanovich, Representative of the Humboldt Foundation (in the DWIH) Moscow	
10:45	Coffee Break	
11:00	<b>DFG - Deutsche Forschungsgemeinschaft / German Research Foundation</b>  "Fostering German-Russian Cooperation" Dr. Jörn Achterberg, DFG Moscow  "Promoting Research Careers" Nora Brüggemann, Group of Research Careers, DFG Bonn	
12:00	<b>Plenary Lecture</b> "Война и мир – The interplay of viruses and host cells during invasion"  Dr. Mario Schelhaas, University of Münster  Group Leader of DFG Emmy-Noether-Research Group „Virus Endocytosis“  DFG-International Research Training Group 1409: 'Molecular Interactions of Pathogens with Biotic and Abiotic Surfaces'	

13:00	Lunch	<i>Dining Hall "Stolovaya INZHEK" UrFU, room I-420 "Zal Uchenogo Soveta"</i>
14:00	<p><b>Plenary Lecture</b>  <b>Helmholtz-Russia Research Groups</b>          "Towards understanding of life/death decisions in the cells by systems biology"</p> <p>Prof. Dr. med. Inna Lavrik</p> <p>Medical Faculty, University of Magdeburg</p> <p>German Cancer Research Center (DKFZ-Heidelberg)</p>	
15:15	Coffee Break	
15:45	<p><b>Short Lectures of Young Researchers</b>          Chair:</p> <ul style="list-style-type: none"> <li>• Prof. Dr. med. Inna Lavrik, University of Magdeburg</li> <li>• Dr. Mario Schelhaas, Group Leader Westfälische Wilhelms Universität Münster</li> </ul> <p>Mr. BONDAREV, Vassiliy: "The comparative analysis of emergence of an intrahospital infection in Russian Federation and abroad"</p> <p>Mrs. NIKULINA, Veronika: "Meteorological factors and the severity of a pneumonia at young men"</p> <p>Mr. LYAPUNOV, Aleksandr: "Tick-borne encephalitis: the incidence of pre-clinical infections"</p> <p>Mrs. MOLODOVSKAYA, Irina: "Age-related aspects of the relationship between hormones and semen parameters in men"</p> <p>Mrs. HÖLZ, Stefanie: "LSD1 coordinates trophoblast development by retaining stem cells in their niche+directing cell fate"</p> <p>Mr. PFARR, Kenneth: "Genetics of Lymphedema and Hydrocele in Lymphatic Filariasis"</p> <p>Mrs. SPECHT, Sabine: "Suboptimal Responses To Ivermectin"</p>	

Mrs. DUBROVINA, Irina: "Live influenza vaccine for children and adults: transmissibility in vivo experiments"

Mr. OSOLODKIN, Dmitryj: "Replication inhibitors for flaviviruses: molecular design and putative mechanism of action"

Mr. PUSTYLNIKOV, Sergey: "Dextrans as Ligands of Mannose Receptor and DC-SIGN Family Receptors - New Anti-infective Strategy"

Mrs. SHERMAN, Yulyia: "The role of gonococcal infection and its combined form with other sexually transmitted infections"

18:15	Dinner	<i>Hotel Hyatt Ball room C 2<sup>nd</sup> floor</i>
19:15	Bowling-Party	<i>Hippo-Park</i>

<b>September 21, Friday</b>
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09:00	<b>Plenary Lecture</b> "Development of the nuclear medicine in the Ural region"  Dr. Vladimir Ivanov  Chair of Experimental Physics, Ural Federal University	<i>UrFU, room I-420 "Zal Uchenogo Soveta"</i>
10:00	<b>Short Lectures of Young Researchers</b> Chair: <ul style="list-style-type: none"><li>• Dr. Vladimir Ivanov, Chair of experimental physics, Ural Federal University</li><li>• Prof. (em.) Dr. med. Hans-Jürgen Quabbe, Freie Universität Berlin; Head of Section Endocrinology / Diabetology, Koch-Mechnikov-Forum</li></ul>	

Mr. BARANOV, Dmitryj: “Studying the SNPs, as a Way of Realization of the Medicine of Future”

Prof. SCHEINER, Jens: “Reading Galen in Baghdad. An Insight into Greek-Arabic Medical History”

Mrs. FRIESE, Anika: “Multiresistant microorganisms in healthy livestock – a risk for humans?”

10:45

Coffee Break

11:00

### **Short Lectures of Young Researchers**

Mrs. SHAJMARDANOVA, Gulnaz: “Periodontal disease as a medical and social problem”

Mr. SMOTRYCKY, Aleksandr: “Medicines synthesis reactions monitoring under technological conditions”

Mrs. CHAJKA, Zilia: “Clinical and experimental study of teeth of teeth restoration by ceramic inlays”

Mr. EROSHENKO, Stanislav /  
Mr. TAVLINCEV, Aleksandr: “Electric vehicles: ecological aspects and power system operation efficiency improvement”

Mrs. MECHDYEVA, Kamilya: “Aspects of adaptation of students to stress. Problems of stress stability in contemporary Universities”

Mrs. BYKOVA, Maria: “Features of the vitamins content in the blood plasma and extracellular matrix of bone marrow of rats in donditions of extreme effects on the body”

12:30

### **2<sup>nd</sup> Workshop**

Planning International Scientific Careers - Best Practice from Freie Universität Berlin

Tobias Stüdemann, Head of the Liaison Office of Freie Universität Berlin, Moscow

13:30

Lunch

*Dining Hall  
“Stolovaya  
INZHEK”*

14:45

**Panel Discussion:**  
“Prospects for young researchers: What can be expected of Research Organizations?”

*UrFU,  
room I-420  
“Zal  
Uchenogo  
Soveta”*

**Invited panelists:**

- Dr. Olga Solovyova,  
Head of Mathematical Physiology  
Laboratory, Institute of Immunology  
and Physiology, UB RAS
- Dr. G. Berghorn (DAAD-Moscow),
- Dr. J. Achterberg (DFG-Moscow)
- Young Russian Researchers
- Young German Researchers

**Chairperson:**

Tobias Stüdemann, Head of the Liaison  
Office of Freie Universität Berlin, Moscow

15:50

**Closing remarks**

Dr. Gregor Berghorn,  
Managing Director DWIH Moscow