

# 2<sup>nd</sup> INTERNATIONAL CONGRESS OF SCIENTISTS 2018 MOSCOW, RUSSIA

MOSCOW, RUSSIA  
3-5 MAY 2018

**Organiser**



**RUDN**  
university

**co-organiser**



يونيس سلطان زين العابدين  
**UNISZA**  
UNIVERSITI SULTAN ZAINAL ABIDIN



**Malaysia Doctorate**  
Support Group



اوتوني تيكنولو مارا  
**UNIVERSITI**  
**TEKNOLOGI**  
**MARA**



Wrocław  
University  
of Technology



**FACULTY**  
**OF**  
**DEFENCE STUDIES**  
**AND**  
**MANAGEMENT**

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# Welcome to 2<sup>nd</sup> International Congress of Scientists 2018 (ICS 2018)

Dear Professor, Dr and distinguished delegates,

Welcome to the 2nd International Congress of Scientists 2018 in Moscow, Russia. On behalf of **IPN Education Group & RUDN University**, I would like to thank all the Conference Chair, Program Chairs and the Technical Committees. Their high competence and professional advice enable us to prepare the high-quality program. For the participants, we hope all of you have a wonderful time at the conference and also in Moscow, Russia.

We believe that by this excellent conference, you can get more opportunity for further communication with researchers and practitioners. For the conferences **ICAAS 2018, ICACM 2018, ICCTE 2018, ICBMSS 2018 and ICAES 2018** more than 100 submitted papers have been received and 80 papers have been accepted and published finally.

In order to hold more professional and significant international conferences, your suggestions are warmly welcomed. And we are looking forward to meet you again next time.

Best Regards,  
Thank you.

Yours Sincerely,



Datin MZ Zainab  
Director – Conference Management IPN Education Group  
Chairman, 2<sup>nd</sup> International Congress of Scientists 2018  
Moscow, Russia

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## Message from the Rector of RUDN University



On behalf of the RUDN University it is my honor to welcome you to the 2nd International Congress of Scientists 2018 organized jointly by the IPN Educational group and the RUDN University in Moscow, Russia.

RUDN University is one of the leading state higher educational institution of Russia. It has a multiprofile structure of faculties and majors, with more than 80 directions of study. RUDN University is the only university in the world training students from more than 150 countries and of more than 500 nations and ethnicities.

IPN Educational group is an independent, non-political, non-governmental organization of distinguished scientists dedicated to advancing science around the world.

Both institutions have joined their efforts in organizing the important event – 2nd International Congress of Scientists 2018 dedicated to integrating research activities of Russian scientists with the world scientific community.

We believe that science has no boundaries, and that knowledge unites people of different cultures.

Sincerely Yours,



Vladimir M. Filippov  
Rector of RUDN University,  
Professor, Doctor of Physical and Mathematical Science,  
Academician of the Russian Academy of Education



## **Foreword**

### **Honorary Advisor IPN Education Group**

In the name of Allah, the most Gracious and the most Merciful.

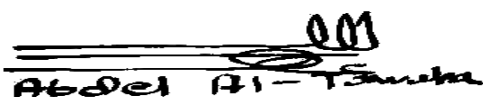
Assalamualaikum w.b.t.,

On behalf the IPN Education Group, it is indeed privilege and honour to welcome all scholars, researchers, professionals and academicians to 2<sup>nd</sup> International Congress of Scientists 2018 (ICS 2018) which be held in Moscow, Russia, 3-5 May 2018. The ICS 2018 is hosted by RUDN University, Moscow and co-organised by IPN Education Group continues to bring together academics, researchers and professionals, whom are experts in Science, Engineering, Technology and Business to explore the potential of optimization from theoretical and practical perspectives.

I wish to take this opportunity to thanks all the participants for their commitment to make this conference a success.

Thank You.

Best Regards,



**Prof. Dr. Abdel Rahman Mohammad Said Al Tawaha**  
**Honorary Advisor IPN Education Group**  
***2<sup>nd</sup> International Congress of Scientists 2018***  
***Moscow, Russia***

# ANNOUNCEMENT

All accepted papers will be published in:

- Active Scopus Indexed Journal
- Active ERA Indexed Journal
- International Journal of Advanced and Applied Sciences (IJAAS) (ISSN:2313-626X) (Web of Science Core Collection)
- Journal of Engineering and Applied Sciences (JEAS) ISSN: 1816949X (Scopus Journal)
- Journal of Informatics and Mathematical Sciences (JIMS) ISSN: 0974-875X (Web of Science Core Collection)

One Best Presenter Award will be selected from each oral session. The Certificate for Best Presenter award will be awarded after presentation session.



## KEYNOTE SPEAKER 1



**Prof. Dr. Vera V. Galishnikova**

Department of Architecture & Civil Engineering, RUDN University

6 Miklukho-Maklaya Str., Moscow 117198, Russia

Email: [galishnikova\\_vv@pfur.ru](mailto:galishnikova_vv@pfur.ru)

Prof. Vera V. Galishnikova is the Head of the Department of Architecture & Civil Engineering of the RUDN University. She serves as an Academician since 1991. In the past Dr. Galishnikova served in Saratov State Polytechnic Institute (Saratov, Russia), Volgograd State University of Architecture & Civil Engineering (Volgograd, Russia) and Michigan State University (Michigan, USA).

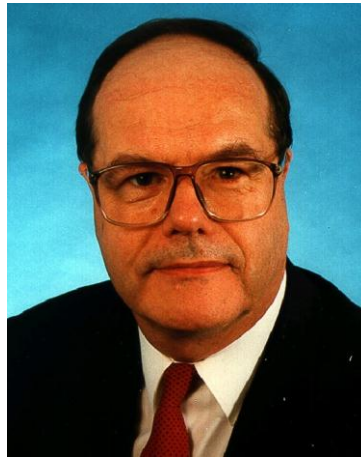
Prof. Vera Galishnikova took her engineering education in Saratov State Polytechnic Institute (Saratov, Russia), and specialized in Civil Engineering. She received her first PhD degree from the Moscow Institute of Civil Engineering in 1991, and in 2004 second PhD degree from the Michigan State University. Prof. Galishnikov received her DSc degree from the Supreme Attestation Commission of Russian Federation in 2016.

Computational Civil Engineering; Building information modeling; Topological computer models of buildings; Computational geometry; Computational mechanics of complex steel structural systems – latticed plates and shells, thin-walled plate and plate-rod structures; Nonlinear finite element analysis of space frames; Nonlinear stability of structures; Structural renovation and complex modernization of buildings etc. are the main fields of her research.

Prof. Vera Galishnikova is author of more than 50 research papers published in peer reviewed international journals, more than 15 research papers published in international conference proceedings and 2 monographs etc. She is member of some professional and academic societies, such as American Society of Civil Engineers, Phi Beta Delta Honor Society for International Scholars (USA) etc.

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## KEYNOTE SPEAKER 2



**Prof. Dr. Peter Jan Pahl**  
Technische Universität Berlin  
Berlin, Germany

Peter Jan Pahl is Professor Emeritus at the Technische Universität Berlin and has held the Chair for Theoretical Methods in Civil Engineering from 1969 to 2005. He graduated as B.Eng. from the Stellenbosch University in 1960 and in 1964 was awarded the Sc.D. degree by the Massachusetts Institute of Technology, where he served as Assistant and Associate Professor until 1969. Professor Pahl led the development of Bauinformatik in Germany, and thus contributed to the modern digital approach in engineering. He is a past president of the International Society on Computing in Civil and Building Engineering. His international activities over four decades include co-operations with universities in China, India, Iran, Russia, Turkey, South Africa and the United States of America. Peter Jan Pahl holds honorary doctorates from universities in South Africa (Stellenbosch), Germany (Weimar) and Russia (MISI).

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## Abstract

### Nonlinearity in Structural Engineering

Engineers favor linear systems, whose output is proportional to their input. This attitude contrasts with nature, where most systems are nonlinear. The consequence of the discrepancy between engineering attitude and physical reality is that engineering education favors linear theories, whereas many of the phenomena which limit the serviceability and safety of engineering products result from nonlinear behavior. Because linear behavior is so much simpler to formulate than nonlinear behavior, and because linear solutions are so much simpler to determine than nonlinear solutions, concentration on linearity seems to contribute to efficient education. The question is, however, whether engineers are prepared adequately through their studies to deal with problems that nonlinearity in nature inevitably poses, and with which they must deal as part of their responsibilities in engineering practice.

Structural engineering is a discipline where traditional education emphasizes linear models, whereas serious problems in practice are the consequence of nonlinearity. Leonard Euler illuminated this point in 1757, when he discovered the buckling of columns under axial load, which has been the cause of dramatic failures of structures. Some of the main differences in the theories and methods for the linear and nonlinear analysis of space frames and space trusses, and the research and teaching suited for the nonlinear phenomena, are presented in the lecture. The topics covered include load paths, incremental solutions, singular points and load path continuation.



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# LIST OF THE CONFERENCE COMMITTEE

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## ICS 2018, Moscow, Russia Congress Chair

Prof. Dr. Vera V. Galishnikova, RUDN University, Russia  
Prof. Dr. Peter Jan Pahl

## ICS 2018, Moscow, Congress Organizing Chairs

Prof. Yuri P. Rybakov, RUDN University, Russia - ICAAS 2018  
Prof. Zdzislaw Hejducki, Wroclaw University of Technology, Poland - ICACM 2018  
Prof. Askhat I. Diveev, RUDN University, Russia - ICCTE 2018  
Prof. Natalia Y. Sopilko, RUDN University, Russia - ICBMSS 2018  
Prof. Askhat I. Diveev, RUDN University, Russia - ICCTE 2018

## ICS 2018, Moscow, Russia Congress Secretary

Dr. Dmitry D. Koroteev, RUDN University, Russia

## *Congress Scientific Members*

Prof. Dr. Sergey N. Krivoshapko, RUDN University, Russia  
Prof. Dr. Yuri G. Rudoy, RUDN University, Russia  
Prof. Dr. Ashot G. Tamrazyan, Moscow State University of Civil Engineering, Russia  
Prof. Dr. Aleksandr M. Belostotsky, Research Center STADYO, Russia  
Prof. Dr. Pavel A. Akimov, Russian Academy of Architecture & Civil Engineering, Russia  
Prof. Dr. Peter Jan Pahl, Technische Universität Berlin, Germany  
Prof. Dr. Andrzej Ubysz, Wroclaw University of Technology, Poland  
Prof. Dr. Abdul Talib Bon, Universiti Tun Hussein Onn, Malaysia  
Dr. Emilia Skupien, Wroclaw University of Technology, Poland

Prof. Dr. Cesar Demayo, MSU-Iligan Institute of Technology, Philippines  
Prof. Dr. Bala Subramaniam, Sam Houston University, USA  
Prof. Dr. Hany Elmesiry, Agricultural Engineering Research Institute, Egypt  
Assoc. Prof. Dr. Bonghwan Kim, Catholic University of Daegu, South Korea  
Assoc. Prof. Dr. Hj. Muhammad Shahar bin Jusoh, Universiti Malaysia Perlis, Malaysia  
Assoc. Prof. Dr. Issa Shooshpasha, Babol Noushiravani University of Technology, Iran  
Dr. Analiza J. Molina, Angeles Foundation University, Philippines  
Dr. Chai Chin Tan, Mae Fah Luang University, Thailand

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# INSTRUCTION FOR ORAL PRESENTATION

## ***Devices Provided by the Conference Organizer:***

- Laptop (with MS-Office & Adobe Reader)
- Projector & Screen
- Laser Sticks

## ***Materials Provided by the Presenters:***

- PowerPoint or PDF files

## ***Duration of each Presentation (Tentatively):***

- Regular oral presentation: about 15 minutes (including Q&A)
- Keynote speech: about 40 minute (including Q&A)

Notice: Please keep your belongings (laptop and camera etc) with you!

## ***During registration:***

Original Receipt

Representative / Pass Card with lanyard

Printed Program

Lunch Coupon

Participation Certificate (collected from Session Chair after the session)

Conference Bag



### IPN-ICS Conferences 2018 Moscow, Russia Conference Program

<b>May 3, 2018</b>	Venue: <b>Lobby of the Mercure Moscow Paveletskaya</b>	1000 - 1200	Registration of the Congress Delegates
<b>May 4, 2018</b>	Venue: <b>Lobby of the Mercure Moscow Paveletskaya</b>	0950	Gathering of the Congress Delegates
		1000	Transfer of the Congress Delegates to the RUDN University campus
	Venue: <b>Economics Faculty Conference Hall, RUDN University 6 Miklukho Maklaya Street, Moscow</b>	1100 - 1115	Opening Remarks: Dr. Natalie M. Gvozdeva Director Department of Strategic Planning RUDN University
		1115 - 1130	Opening Remarks: Dato' Syed Azuan Syed Ahmed, D.I.M.P Director IPN Education Group
		1130 - 1215	Plenary Speech: 1) Prof. Vera V. Galishnikova RUDN University, Russia 2) Prof. Peter Jan Pahl, Technische Universität Berlin, Germany
		1215 - 1230	Group Photo
	Venue: <b>Professors Cafeteria, RUDN University</b>	1230 - 1330	Lunch
		1330 - 1800	Extended Moscow City Tour with Red Square and Alexandrov Garden at the Moscow Kremlin

<b>May 5, 2018</b>	Venue: <b>Meeting Room 1</b>	0830 - 1030	Session 1
	Venue: <b>Meeting Room 2</b>	0830 - 1030	Session 2
	Venue: <b>Meeting Room 3</b>	0830 - 1030	Session 3
		1030 – 1100	Coffee Break
	Venue: <b>Meeting Room 1</b>	1100 – 1230	Session 4
	Venue: <b>Meeting Room 2</b>	1100 – 1230	Session 5
	Venue: <b>Restaurant Townhouse</b>	1230 – 1400	Lunch
	Venue: <b>Meeting Room 1</b>	1400 – 1600	Session 6
	Venue: <b>Meeting Room 2</b>	1400 – 1600	Session 7
	Venue: <b>Meeting Room 3</b>	1400 – 1600	Session 8
		1600 – 1630	Coffee Break

Session 1

Time: 0830-1030

Venue: **Meeting Room 1**

Session Chair: **Prof. Dr. Vladimir M. Savchin & Prof. Dr. Hjh. Normala Dato Amir Ishak**


No	Paper ID	Presenter
1	001-rus	<b>Emotional and The Academic Side-Effects of Cyberbullying on Students in A Rural High School in South Africa</b> Dr Parvaneh Farhangpour, <b>Prof. Nancy Mutshaeni</b> <i>University of Venda</i>
2	008-rus	<b>A Study of Psychosocial Factors Related to Preserving Thai Traditions of Undergraduate Students</b> <b>Shuttawwee Sitsira-at</b> <i>People's Kingdom of Thailand</i>
3	004-rus	<b>Construction of Attitude Towards Punctuality Scale for University Students and Relationships to CSE and FTP</b> <b>Duangduen Bhanthumnavin</b> , Duchduen Bhanthumnavin and Bung-On Sorod <i>National Institute of Development Administration, Thailand</i>
4	036-rus	<b>Statistical Assessment of Use of Labour Force in the Countries of Western Europe</b> <b>Andrew N. Zharov</b> , Nadezhda A. Stashevskaya <i>RUDN University, Moscow, Russia</i>
5	038-rus	<b>Teaching Foreign Students Studying Graphic Disciplines in an Innovative Educational Environment</b> <b>Tatyana V. Timofeeva</b> , Natalia V. Kazennova, Galina N. Oskina <i>RUDN University, Moscow, Russia</i>
6	045-rus	<b>Generalized Darcy's Law for Filtration Processes in Porous Media</b> <b>Yuri P. Rybakov</b> , Nataliya V. Semenova <i>RUDN University, Moscow, Russia</i>
7	057-rus	<b>The Importance of Academic Education in Contemporary Architectural and Sculptural Practice</b> <b>I.V. Portnova</b> , T.V. Portnova <i>RUDN University, Moscow, Russia</i>
8	022-rus	<b>Integrating STEM Education through Project-Based Inquiry Learning In Topic Space among Year One children</b> <b>Mazlini Adnan</b> , Marzita Puteh, Nor'ain Mohd Tajuddin, Siti Mistima Maat, Ng Chee Hoe <i>Universiti Pendidikan Sultan Idris, Malaysia</i>

Session 2

Time: 0830-1030

Venue: **Meeting Room 2**

Session Chair: **Prof. Dr. Peter Jan Pahl & Prof. Dr. A.K. Nikitin**

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No	Paper ID	Presenter
1	032-rus	<b>Elastoplastic Deformation of Clay Brick Masonry under Biaxial Stresses and Mechanisms of its Performance</b> Makhmud Kharun, <b>Oleg V. Kabantsev</b> , Ashot G. Tamrazyan <i>Moscow State University of Civil Engineering, Moscow, Russia</i>
2	035-rus	<b>Tangential Developable Surfaces and Shells: New Results of Investigations</b> Sergey N. Krivoshapko, Iraida A. Mamieva, <b>Andrey D. Razin</b> <i>RUDN University, Moscow, Russia</i>
3	061-rus	<b>Contribution to Refined Basalt in Modern Nigerian Civil and Structural Engineering</b> Vera V. Galishnikova, <b>Paschal C. Chiadighikaobi</b> <i>RUDN University, Moscow, Russia</i>
4	070-rus	<b>Spin 1/2 Particle with Two Masses in External Magnetic Field</b> E.M. Ovsiyuk, O.V. Veko, Y.A. Voynova, V.M. Red'kov, V.V. Kisel, <b>N.V. Samsonenko</b> <i>RUDN University, Moscow, Russia</i>
5	067-rus	<b>Study of Reinforced Concrete Beams with Indirect Reinforcement of Compressed Zone in the Form of Cross Welded Mesh</b> Dmitry D. Koroteev, Ashot G. Tamrazyan, <b>Ivan K. Manaenkov</b> <i>Moscow State University of Civil Engineering, Moscow, Russia</i>
6	034-rus	<b>Arrangement and Technological Solutions for Manufacturing of Transformable Quick-Assembling Single-Storey Houses from Sandwich-Panels</b> <b>Dmitry D. Koroteev</b> , Makhmud Kharun, Galina E. Okolnikova <i>RUDN University, Moscow, Russia</i>
7	031-rus	<b>Elastic-Plastic Analysis of Space Trusses with Large Displacements</b> <b>Vera V. Galishnikova*</b> , Evgeny V. Lebed <i>RUDN University, Moscow, Russia</i>
8	065-rus	<b>Examination of Thermal Insulation of External Walls using Thermal Imager</b> <b>Alexander P. Svintsov</b> , Svetlana L. Shambina <i>RUDN University, Moscow, Russia</i>

Session 3

Time: 0830-1030

Venue: **Meeting Room 3**

Session Chair: **Prof. Dr. Ashot G. Tamrazyan & Assoc. Prof. Dr. Mazlini Adnan**


No	Paper ID	Presenter
1	011-rus	<b>Authentic Leadership and Proactive Work Behavior: A Moderated Mediation Model</b> <b>Chuchai Smithikrai</b> and Jeeraporn Suwannadet <i>Chiang Mai University, Thailand</i>
2	019-rus	<b>Management Students and Education of Coaching</b> <b>Ladislav Suhányi</b> , Tatiana Lorincová, Anna Tomkova Lucia Zbihlejová <i>University of Prešov in Prešov</i>
3	040-rus	<b>Consumers' Choice Rationality Score Model</b> <b>Ya.S. Kuryshova</b> , T.V. Bogacheva, V.L. Snezhko, N.S. Shcherbakova <i>RUDN University, Moscow, Russia</i>
4	002-rus	<b>Academic Inculcating Behavior Scale and Validation using CSE and PsyCap in Diverse Faculty Members</b> <b>Duchduen Bhanthumnavin</b> <i>National Institute of Development Administration, Thailand</i>
5	013-rus	<b>Managing and Improving Quality in Industrial and Service Organizations: Implementing Practical Methods</b> <b>Moshe Sharabi</b> <i>Yezreel Valley Academic College, Israel</i>
6	056-rus	<b>Development of Design Education in Russia: History and Contemporary Problems</b> <b>Anna V. Solovieva</b> , Tatiana S. Semichevskaya, Oleg V. Bik <i>RUDN University, Moscow, Russia</i>
7	029-rus	<b>Ambition and Consequences the Future of Iran's Involvement in Latin America After the Nuclear Agreement of 2015</b> <b>Hanan Alhajeri</b> <i>Kuwait University, Kuwait</i>
8	081-rus	<b>Development of Irrigation System in Paddy Cultivation Industry During British Colonial in Perak</b>  Khairi Ariffin <sup>1</sup> , <b>Hairy Ibrahim</b> <sup>2</sup> , Ramli Saadon <sup>3</sup> , Sahul Hamid Mohamed Maidin <sup>4</sup> , Ishak Saat <sup>5</sup> , Fauziah Che Leh <sup>6</sup> , Mohd Kamal Kamaruddin <sup>7</sup> , Tuan Waheda Tuan Chik <sup>8</sup> <i>Universiti Pendidikan Sultan Idris (UPSI), Malaysia</i>

Session 4

Time: 1100-1230

Venue: **Meeting Room 1**

Session Chair: **Prof. Dr. Natalia Y. Sopilko & Prof. Dr. Yuri G. Rudoy**

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university


No	Paper ID	Presenter
1	030-rus	<b>Assessment of Ponderability of Parameters of Platform Joint on Reliability by Method of Linearization</b> Vera V. Galishnikova, Ashot G. Tamrazyan, <b>Denis S. Dekhterev</b> <i>Moscow State University of Civil Engineering, Moscow, Russia</i>
2	039-rus	<b>Using Parametric Blocks for Construction of Flat Algebraic Curves in AutoCAD by the Example of Cassini Ovals</b> <b>Tatyana V. Timofeeva</b> , Marina A. Nesterenko <i>RUDN University, Moscow, Russia</i>
3	044-rus	<b>The problem of numerical analysis of rigidity in binded reinforced concrete elements</b> M.I. Abu Mahadi, A.S. Markovich, K.S. Akifyeva, <b>D.A. Miloserdova</b> <i>RUDN University, Moscow, Russia</i>
4	043-rus	<b>Influence of Reinforcement of Contour High-Strength Reinforcement without Adhesion to Concrete on the Deflections of Monolithic Beams</b> A.S. Markovich, V.S. Kuznetsov, <b>Yu. A. Shaposhnikova</b> , M.I. Abu Mahadi <i>Moscow State University of Civil Engineering, Moscow, Russia</i>
5	062-rus	<b>Formation of Latin American Baroque Architecture</b> <b>Andrey Ivin</b> , Salem Khalabi, Vasilii Shuvalov, Olga Plotnikova <i>RUDN University, Moscow, Russia</i>
6	049-rus	<b>Simulation of Quantum Cryptographic System</b> Zar Ni Aung, Chan Myae Hein, <b>T.F. Kamalov</b> , N.V. Samsonenko <i>Moscow Institute of Physics and Technology, Russia</i>



Session 5

Time: 1100-1230

Venue: **Meeting Room 1**

Session Chair: **Prof. Dr. Vera V. Galishnikova & Dr. Anakhaorn Srisaipet**

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No	Paper ID	Presenter
1	033-rus	<b>Experimental Study of Timber-Steel Arch with the Support Joints on Glued-in Steel Rods</b>  <b>Dmitry D. Koroteev</b> , Farid A. Boytemirov, Makhmud Kharun <i>RUDN University, Moscow, Russia</i>
2	046-rus	<b>Mechanical Properties of Carbon Nanotubes in a Chiral Model of Graphene</b>  <b>Yuri P. Rybakov</b> , Medina Umar, Muhammad Iskandar <i>RUDN University, Moscow, Russia</i>
3	054-rus	<b>Discharge Curves <math>Q=f(H)</math> as an Active Factor of Riverbed-Forming Processes</b>  <b>Evgeniy K. Sinichenko</b> , Ilya I. Gritsuk, Fedor V. Rekach <i>RUDN University, Moscow, Russia</i>
4	069-rus	<b>Static Two-Beam Surface Plasmon Interferometer of the Terahertz Range</b>  <b>A.K. Nikitin</b> , I.Sh. Khasanov, O.V. Khitrov, T.A. Rijova <i>Scientific and Technological Center for Unique Instrumentation of RAS, Moscow, Russia</i>
5	047-rus	<b>Surface Electromagnetic TM Waves along the Boundary between Two Nonlinear Anisotropic Dielectrics</b>  <b>Yuri P. Rybakov</b> , Bijan Saha <i>RUDN University, Moscow, Russia</i>
6	051-rus	<b>The Numerical Solution of the Rayleigh-Plisset Equation for Spark Cavitation and Calculation of the Maximum Temperature and Pressure in a Cavity</b>  <b>Nikolay Yu. Kravchenko</b> <i>RUDN University, Moscow, Russia</i>

Session 6

Time: 1400-1600

Venue: **Meeting Room 1**

Session Chair: **Prof. Dr. Sergey N. Krivoshapko & Assoc. Prof. Dr. Duchduen Emma Bhanthumnavin**

RUDN  
university


No	Paper ID	Presenter
1	058-rus	<b>Hydraulic Characteristics of the Locking Element in the form of a "Curved Drop" for Water Supply Fittings</b>  <b>Alexander P. Svintsov</b> , Nikolay A. Konoplev <i>RUDN University, Moscow, Russia</i>
2	066-rus	<b>Emergent Physics of Graphene</b>  <b>Elena F. Sheka</b> <i>RUDN University, Moscow, Russia</i>
3	060-rus	<b>Magnetization Dynamics at Elevated Temperatures: Beyond the Molecular Field Approximation for Critical Points</b>  Olga A. Kotelnikova, Vladimir G. Morozov, <b>Yuri G. Rudoy</b> <i>RUDN University, Moscow, Russia</i>
4	063-rus	<b>Modern Approaches to Preservation and Reconstruction of Historical Industrial Facilities</b>  Dmitry S. Chayko, Salem M. Khalabi, Olga G. Plotnikova, <b>Massimo de Maria</b> <i>RUDN University, Moscow, Russia</i>
5	050-rus	<b>Analysis of Abrikosov Vortices by the Superconductivity Model at the Twin Boundaries</b>  V.A. Chizhov, V.L. Bychkov, F.S. Zaitsev, <b>N.V. Samsonenko</b> <i>RUDN University, Moscow, Russia</i>
6	048-rus	<b>On the Deflection of Light by a Charged Rotating Black Hole</b>  <b>M.L. Fil'chenkov</b> , Yu. P. Laptev <i>RUDN University, Moscow, Russia</i>
7	027-rus	<b>Bungled Pronunciation of English in Colleges of Punjab, Pakistan: A Survey Along with Its Ramifications</b>  <b>Akeel Ahmed</b> <i>Government Degree College, Pasrur (Sialkot), Pakistan</i>

Session 7

Time: 1400-1600

Venue: **Meeting Room 2**

Session Chair: **Prof. Dr. Mahmud Kharun & Prof. Nancy Mutshaeni**

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No	Paper ID	Presenter
1	014-rus	<b>Net migrations and labour market in the European Union</b> Lorena Škuflić, <b>Mira Krpan</b> , Fran Galetić <i>University of Zagreb, Croatia</i>
2	005-rus	<b>The Willingness of Mathematics Teachers in Facing 21st Century Skills</b> <b>Mazlini Adnan</b> , Nor Shaheera Ismail <i>Universiti Pendidikan Sultan Idris, Malaysia</i>
3	018-rus	<b>Coping Strategies of Managers from the Perspective of Gender</b> <b>Lucia Zbihlejová</b> , Miroslav Frankovský, Zuzana Birknerová, Ladislav Suhányi <i>University of Prešov in Prešov, Konštantínova 16, Prešov, Slovakia</i>
4	037-rus	<b>Analysis of Economic Factors Affecting Development of Renewable Energy for Power Service of Remote Consumers</b> Y.A. Nazarova, S.A. Zhiltsov, <b>I.I. Shatalova</b> , N.A. Stashevskaya <i>RUDN University, Moscow, Russia</i>
5	071-rus	<b>Perception of Nature in Culture of the New and Contemporary History. From Knowledge to Reflection on Contemporary World</b> <b>I.V. Portnova</b> , T.V. Portnova <i>RUDN University, Moscow, Russia</i>
6	042-rus	<b>Analysis of International Trade Based on Complex Networks</b> <b>N.A. Navrotskaia</b> , N.Yu. Sopilko, G.M. Kutlyeva, S.M. Lysytska <i>Saint-Petersburg State University, Saint-Petersburg, Russia</i>
7	015-rus	<b>Entrapment of Permanently Employed Employees: Precarious Work Behavior, Organizational Justice and Perceived Organisational Support</b> <b>Noormala Amir ishak</b> , norashikin Hussein, ibiwani alias hussain, siti fazilah hamid <i>Universiti Teknologi MARA, Malaysia</i>
8	041-rus	<b>Influence of Cultural Dimensions "Long Term Orientation" and "Uncertainty Avoidance" on Innovative Activity</b> <b>E.A. Kovaleva</b> , V.B. Alexeenko, O.Yu. Myasnikova, N.V. Bondarchuk <i>RUDN University, Moscow, Russia</i>

Session 8

Time: 1400-1600

Venue: **Meeting Room 3**

Session Chair: **Prof. Dr. Yuri P. Rybakov & Prof. Dr. Duangduen Bhanthumnavin**

RUDN  
university


No	Paper ID	Presenter
1	009-rus	<b>Extraction and characterization of policosanol from wheat germ</b>  <b>Anakhaorn Srisaipet</b> , Pitchaporn Keawpro  <i>Maejo University, Chiangmai, Thailand</i>
2	052-rus	<b>Bi-variational Evolutionary Systems and Approximate Solutions</b>  <b>Vladimir M. Savchin</b> , Svetlana A. Budochkina  <i>RUDN University, Moscow, Russia</i>
3	059-rus	<b>Geometrical Aspects of the Equilibrium Statistical Thermodynamics</b>  <b>Yuri G. Rudoy</b> , Olga I. Chekmareva  <i>RUDN University, Moscow, Russia</i>
4	072-rus	<b>Mathematical Modeling and Optimization of a Three-Phase Saturable Reactor</b>  <b>Evgeni I. Zabudskiy</b> , Galina I. Balandina  <i>RUDN University, Moscow, Russia</i>
5	064-rus	<b>Use of Calcium and Magnesium Salts for Wastewater Treatment of Textile Enterprises</b>  <b>E.V. Alekseev</b> , A.P. Svintsov, S.L. Shambina  <i>Moscow State University of Civil Engineering (National Research University), Moscow, Russia</i>
6	053-rus	<b>Modeling the Accumulation Kinetics of Anionic Photo-sensitizers in Tumor Cells with Different Trans-membrane Potentials</b>  <b>Kamila Z. Askarova</b> Galina I. Morozova, Andrey A. Anoshin  <i>RUDN University, Moscow, Russia</i>
7	055-rus	<b>Schematization Methods of Project Thinking</b>  <b>Olga Kalinina</b> , <b>Natalia Kalinina</b>  <i>Moscow Institute of Architecture, Moscow, Russia</i>
8	068-rus	<b>Some Ways to Create Canonical Surfaces using Computer Graphics</b>  <b>Marina A. Aygunyan</b> , Elena A. Mironova, Elena S. Gorshkova  <i>RUDN University, Moscow, Russia</i>

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## Conference Venue



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## Note