BRICS YEA

SUMMIT MOSCOW

PROGRAMME
BUSINESS & CULTURE

OCTOBER 4-6, 2018
MOSCOW, RUSSIA

BRICS YEA Summit in Moscow Organizing Committee expresses deep gratitude to our partners and the BRICS countries' delegates, who have found it possible to participate in development of BRICS youth energy cooperation.

With support from:

MINISTRY OF ENERGY
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Russian Energy Week 2018

Global Energy
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#ВМЕСТЕЯРЧЕ

ВСЕРОССИЙСКИЙ ФЕСТИВАЛЬ ЭНЕРГОСБЕРЕЖЕНИЯ

BRICS
International Forum

СОЛНЕЧНАЯ РЕГАТА

Неправительственный экологический фонд имени В.И. Вернадского

Маринет
Национальная Технологическая инициатива

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Media partners:

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РСПП

National Youth Council of Russia

interfax

TV BRICS
INTERNATIONAL
MEDIA
NETWORK

National Committee
for BRICS Research,
Russia

Address: Prospekt Vernadskogo Street, 76, Moscow, 119454, New Building of the MGIMO (Glass)

Registration, MGIMO

October 4, 2018, Registration Stand, 09:00-09:50

Registration

Opening Ceremony, MGIMO,

October 4, 2018, Hall 423, 10:00-11:30 ***Russian, English***

The Opening Ceremony of First Day of the BRICS Youth Energy Agency Summit

Moderator
Alexander Kormishin, Chairman, Organizing Committee of the BRICS YEA Summit,

Speakers
Valery I. Salygin, Director, International Institute of Energy Policy and Diplomacy, MGIMO; President, International Academy of the Fuel and Energy Development Academy; Corresponding Member of the Russian Academy of Sciences,
Pavel Velikanov, Head of Division, Department of International Cooperation, Ministry of Energy of the Russian Federation,
Mikhail Kaluguin, Head of BRICS Division, Foreign Policy Planning Department, Ministry of Foreign Affairs of the Russian Federation,
Radjagopalan Narayanan, First Secretary of the Embassy of the Republic of India,
Keneth Tshisikawe Nekhudzhiga, First Secretary, Embassy of South Africa,
Carlos José Serãpiao Júnior, Energy attaché, Embassy of Brazil,
Liudmila Okuneva, Director, BRICS Center, Institute of International Studies,
Valeria Gorbatcheva, Advisor, National Committee on BRICS Research (NCR BRICS),
Maria Cândida Arrais de Miranda Mousinho, Professor, Federal Institute of Bahia (IFBA),
Manpreet Singh Manna, Director (PMSSS & SWAYAM), All-India Council for Technical Education, Indian Government,
Purnima Anand, President, BRICS International Forum,
Luvuyo Manyi, Executive Head, Black Business Council, Youth Portfolio, South Africa, Representative, Russian-Chinese Committee for Friendship, Piece and Development

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Plenary session, MGIMO,

October 4, 2018, Hall 423, 11:30-12:30 ***Russian, English***

Global Trends of BRICS Energy Development in the Digital Era

According to experts, digital solutions in the field of corporate management, information processing and industrial operation will have a significant impact on the development of energy industry in the XXI century. Especially, it seems crucial to define correctly the global tendencies of the digitalization

of energy for early adaptation of the industry to the changed market conditions and increasing competitiveness. The BRICS countries have the greatest potential for introducing advanced digital practices in the fuel and energy sector, but are BRICS able to get a synergistic effect from working together to explore the possibilities of digitalization of energy?

Moderator
Artur Bogachev, BRICS Youth Energy Agency

Speakers
Pavel Velikanov, Head of Division, Department of International Cooperation, Ministry of Energy of the Russian Federation,
Manpreet Singh Manna, Director (PMSSS & SWAYAM), All-India Council for Technical Education, Indian Government,
Sanjib Kumar Rout, Chairman, C.V. Raman College of Engineering, Bhubaneswar, India,
Subrahmanyam Pulipaka, (CEO, Senova Energy Group), Design and Development of a Novel Pro-active monitoring method for monitoring solar power microgrid using Artificial Intelligence - A case study from Indian Scenario,
Carlos José Serãpiao Júnior, First Secretary, Energy attaché, Embassy of Brazil,
Anastasia Shklovskaya, Head, Analitical Department, BRICS Youth Energy Agency
Representative, International Institute of Energy Policy and Diplomacy, MGIMO
Representative, SC "Zarubezhneft", oil and gas company

Plenary discussion, MGIMO,

October 4, 2018, Hall 442, 11:30-12:30 ***English***

BRICS Youth Initiatives: Energy as a New Development Horizon

Public institutions all with great interest study the prospects of youth initiatives, promoted on the pure enthusiasm of young teams of like-minded people. Such projects develop dynamically and know no borders, uniting young people from different countries. Youth projects within BRICS are developing rapidly in a wide range of spheres: economy, culture, civic cooperation, uniting the BRICS countries and creating common cultural values. Additional impetus to an integration in the energy sector of BRICS could also be given by youth initiatives, in particular the BRICS Youth Energy Agency. What initiatives are the public institutions and the youth willing to offer for the development of BRICS youth energy cooperation?

Moderator
Anna-Maria Chkonia, Special Projects Manager, BRICS Youth Energy Agency,

Speakers
Grigorii Petushkov, Chairman, National Youth Council of Russia,
Marina Petrova, Director, MGIMO Development Fund,
Bhabajit Baruah, Assistant Professor, Dept. of Mechanical Engineering, Girijananda Chowdhury Institute of Management and Technology, Guwahati,

Simarpreet Singh, Director, JIS University, Kolkata,
Valeria Gorbatcheva, Advisor, National Committee on BRICS Research (NCR BRICS),
Keneth Tshisikawe Nekhudzhiga, First Secretary, Embassy of South Africa,
Maria Cândida Arrais de Miranda Mousinho, Professor, Federal Institute of Bahia (IFBA),

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Coffee-break, MGIMO

October 4, 2018, Area next to the Hall 423, 12:30-13:15

Coffee break for delegates and summit guests

Plenary discussion, MGIMO,
October 4, 2018, Hall 423, 13:15-15:00 ***Russian, English***

Horizon 2020: BRICS Youth Energy Cooperation and BRICS YEA Development Action Plan

The BRICS Youth Energy Agency was established as result of the (First) BRICS Youth Summit 2015 Action Plan, Kazan (Russia). The BRICS Youth Energy Agency Summit in Moscow, in particular, aims to define the guidelines for further development of the BRICS youth energy cooperation in the Action Plan following the Summit, to outline effective measures and the creation of an effective youth platform. The 5-year horizon of the organization's development falls on 2020 - the year of the Russian Federation's presidency in BRICS.

Moderator
Alexander Kormishin, Chairman, Organizing Committee of the BRICS YEA Summit,

Speakers
Dmitry Ivanov, Head of Divison, International Activities, Federal Agency for Youth Affairs (Rosmolodezh),
Carlos José Serãpiao Júnior, First Secretary, Embassy of Brazil,
Grigorii Petushkov, Chairman, National Youth Council of Russia,
Ruslan Emerveliev, Federal Agency for the Commonwealth of Independent States Affairs, Compatriots Living Abroad, and International Humanitarian Cooperation (Rossotrudnichestvo),
Valeria Gorbatcheva, Advisor, National Committee on BRICS Research (NCR BRICS),
Purnima Anand, President, BRICS International Forum,
Sila Ghosh, Vice President, JIS University, Kolkata,
Pasika Patrick Nyangiwe, Walter Sisulu University, Mthatha, South Africa,
Lucas Gualberto do Nascimento, Research Assistant, International Politics Research Group, Federal University of Rio de Janeiro, Brazil,
Alexander Ershov, Head, Technical Department, OOO “Transneft-Baltika”,
Dmitry Kriukov, Skolkovo Institute of Science and Technology,
Gultchitchak Islamova, Kazan State Energy University,
Tandeka Ndlowu, Tazola Consulting, South Africa
Sergey Milto, MGIMO student, representative of “World Energy Policy” student club
Representative, Russian-Chinese Committee for Friendship, Piece and Development,

Round-table discussion, MGIMO,

October 4, 2018, 13:15-15:00 ***Russian, English***

Sustainable Development Goals and BRICS Energy Sector

Achieving the goals of sustainable development of the UN imposes obligations on the BRICS countries, the implementation of which, according to experts, will limit the growth potential of the economies of the community. Is it possible to implement the principles of sustainable development without prejudice to the national interests of BRICS?

Moderator
Arseniy Kirgizov-Barskiy, SDG Youth Ambassador,

Speakers
Leonid Grigoryev, Chief Adviser to the Head of the Analytical Center for the Government of the Russian Federation,
Anastasia Sheveleva, Assosiate Professor of Management, Marketing and Foreign Trade Activity, Vice-Dean of the Faculty of International Business, MGIMO,
Maria Cândida Arrais de Miranda Mousinho, Professor, Federal Institute of Bahia (IFBA),
Amandeep Singh Oberoi, Assistant Professor, Thapar Institute of Engineering and Technology, Patiala, India,
Natalia Ryzanova, Docent, PhD, Head of Laboratory, Department of International Complex Problems of Nature Management and Ecology, MGIMO

The Closing Ceremony of the First Day of the BRICS Youth Energy Agency Summit, MGIMO,

October 4, 2018, Hall 442, 15:15-17:00 ***English***

Working meeting on BRICS YEA forecast analytical activities

Culture programme, Moscow Historical Centre,

October 4, 2018, 17:45-20:30 ***English***

Moscow Historical Centre Tour

During the tour delegates are going to visit the Aleksandrovski Garden, the Red Square and GUM store.

National Research University "Moscow Power-Engineering Institute" (MPEI) // DAY 2

Address: Krasnokazarmennaya Street, 14, 111250, Moscow, Main Building

Registration, MPEI

October 5, 2018, Registration Stand, 09:00-09:50

Registration

Opening Ceremony, MPEI,

October 5, 2018, Hall Г-200, 10:00-10:20 ***Russian, English***

The Opening Ceremony of Second Day of the BRICS Youth Energy Agency Summit

Moderator
Sergey Shirinskii, Head of External Relations Department, MPEI

Speakers
Nikolay Rogalev, Rector, MPEI,
Liu Zhenya, Chairman of GEIDCO (People's Republic of China),
Vladimir Karantayev, Chairman, Working Group 4, D2, RNC of CIGRE
Alexander Voloshin, Head of Relay Protection and Energy Smart-Grid Department, MPEI, Director, Centre of National Technical Initiative for Digitalization of the Smart-Grid,
Maria Zeleniak, Vice President, the International Energy Prize «Global Energy»

Plenary session in collaboration with the Youth Council of the RNC of CIGRE, MPEI,

October 5, 2018, Hall Г-200, 10:30-12:30 ***English***

Experience of Digitalization of the Power Grids in BRICS

Moderator
Alexander Voloshin, Head of Relay Protection and Smart-Grid Automation Department, MPEI,

Speakers
Dominique Fache, Member of RTF Board of Directors at Sophia Antipolis Science Park, Chairman of the Board of Directors of Russian Technology Foundation, Independent Director, report: "Management of innovation ecosystem based on the best world practices. Improvement of innovative ecological environment in Russia",
Dmitry Vodennikov, Deputy Chairman of the Board – Chief Engineer, FGC UES, report: "Digitalization of Energy Webs in Russia",
Vladimir Karantayev, Chairman, Working Group 4, D2, RNC of CIGRE, report: "Cybersecurity",

Reporters:
Lucas Gualberto do Nascimento, Research Assistant, International Politics Research Group, Federal University of Rio de Janeiro (Brazil),
Senamile Masango, Post-Graduate: Nuclear Physics. Professional Project Manager (South Africa),

Zi Li, Moscow State Institute of International Relations (MGIMO),
Amarenda Matsa, Associate Professor, HOD, KKR & KSR Institute of Tec. & SCI (India),
Alexander Voloshin, Head of Relay Protection and Smart-Grid Automation Department, MPEI, report: "New approaches and technologies in digitalization of energy systems" (Russia),

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Tour, MPEI,

October 5, 2018, 12:40-14:40 ***English***

Tour around the testing facilities of the MPEI

Event in collaboration with "Global Energy Prize" Association, MPEI,

October 5, 2018, Hall Г-200, 14:50-17:20 ***Russian, English***

Scientific and Practical Symposium "Energy of Thought"

Young engineers and researchers quite often the lack of an expert advice. Within the framework of the roundtable, participants, young specialists are invited to present their projects to get an expert comment from renowned experts in the energy sector. The most interesting technological projects can be approved for participation in the competitive programs of the Association "Global Energy".

Speakers
Sergei Alekseenko, Global Energy Prize Laureate, full member of the Russian Academy of Sciences,
Martin Greene, Global Energy Prize Laureate, Professor of the University of New South Wales (UNSW), Director of the Australian Center for Advanced Photovoltaic Energy Research,

Experts
Gopal Mugeraya, Director, National Institute of Technology, Goa, India,

Reporters
Ivan Starkov, Lead Researcher, Faculty of Cryogenic Engineering, ITMO,

"Practical work-out of solide-state coolers on multi-caloric effect",

Andrey Minakov, Associate Professor, Thermal Physics Department, Vice-Director of Science, School of Petroleum and Gas Engineering, Siberian Federal University,

"Calculation and experimental research on methods of low-frequency pulsations suppression in the flow path of high-pressure power plants' hydraulic unit",

Mikhail Andreev, Candidate of Technical Science, Head of Research Laboratory for Power Grid Simulation, School of Energy & Power Engineering, Tomsk Polytechnic University,

"Work-out of the software and hardware platform for real-time and all-mode simulation of intelligent power systems",

Evgenyi Rogosnikov, Assistant, Dept. of Relay Protection and Automation of Energy Systems, MPEI,

"Personal Power Unit",

Subrahmanyam Pulipaka, CEO, Senova Energy Group (India),

"Design and Development of a Novel Pro-active monitoring method for monitoring solar power microgrid using Artificial Intelligence - A case study from Indian Scenario",

Radhakrishnan Gopalakrishnan, Assistant Professor, Sri Krishna College of Engineering and Technology (India),

"Energy Harvesting in Hybrid Electric Vehicle Using Thermo Electric Generator (TEG) and Bacterial Spores".

Master-class, MPEI,

October 5, 2018, 14:50-16:20 ***English***

Development of Smart-Grid

Evgeniy Voloshin, Assistant, Relay Protection and Smart-Grid Automation Department, MPEI

Workshop, MPEI,

October 5 2018, Hall Д-107, 16:20-17:20 ***English***

Development of some points from the final documents of Moscow BRICS YEA Summit,

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Closing, MPEI,

October 5, 2018, 17:25-17:55 ***English***

The Closing Ceremony of the Second Day of the BRICS Youth Energy Agency Summit

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Culture programme, Moscow Historical Centre,

October 4, 2018, 17:55-20:30 ***English***

Moscow Historical Centre Tour

During the tour delegates are going to visit Sokolniki Park, Kolomenskoe Manor and VDNH.

Address: 125009, Manezhnaya Square, 1

Registration, Central Exposition Center "Manezh",

October 6, 2018, Registration Stand, 09:00-09:30

Registration – Please introduce REW ID card at the security border and proceed to the location: Conference Hall C

Final session, Central Exposition Center "Manezh",

October 6, 2018, Conference Hall C, 09:45-11:15 ***Russian, English***

Final session of the BRICS Youth Energy Agency Summit in Moscow

Young BRICS delegates involved in development of energy industry and international cooperation will announce the results of the BRICS Youth Energy Agency Summit in Moscow. Representatives of the BRICS countries will present to the experts (the speakers) the final documents of the Summit: the BRICS Youth Energy Cooperation Action Plan and the BRICS Youth Energy Outlook 2018. The signing of Memorandums of Understanding with BRICS organizations is planned.

Moderator
Alexander Kormishin, Chairman, Organizing Committee of the BRICS YEA Summit,

Speakers
Olga Yudina, Deputy Head of Department, Ministry of Energy of the Russian Federation,
Mikhail Kaluguin, Head of BRICS Division, Ministry of Foreign Affairs of the Russian Federation,
Igbal Guliev, Deputy Director of the International institute of Energy Policy and Diplomacy, MGIMO,
Maria Zeleniak, Vice-President, the International Energy Prize «Global Energy»
Carlos José Serãpiao Júnior, Energy attaché, Embassy of Brazil,
Dmitry Serov, Deputy Head of Relay Protection and Smart-Grid Automation Department, MPEI
Purnima Anand, President, BRICS International Forum,
Rishabh Sethi, Head, International Projects, BRICS International Forum,
Luvuyo Manyi, Executive Head, Black Business Council, Youth Portfolio, South Africa, Representative, Russian-Chinese Committee for Friendship, Piece and Development

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In collaboration with "Global Energy Prize" Association, Central Exposition Center "Manezh",

October 6, 2018, "Global Energy" Association's Stand, 11:30-12:30 ***Russian, English***

Informal meeting - Open Talk about the Global

The meeting "without ties" of the BRICS YEA Summit's delegates with the laureates of the "Global Energy Prize" Award 2018 will be held at the stand of the "Global Energy" Association in an informal atmosphere in the format of an interview. Laureates will answer the questions of the delegates about their developments, scientific way, life.

Moderator

Ivan Matsak, Engineer, S. P. Korolev Rocket and Space Corporation Energia, Winner, All-Russian Research Competition "Youth Energy",

Experts

Sergei Alekseenko, Global Energy Prize Laureate, full member of the Russian Academy of Sciences,
Martin Greene, Global Energy Prize Laureate, Professor of the University of New South Wales (UNSW), Director of the Australian Center for Advanced Photovoltaic Energy Research,

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Meeting, Central Exposition Center "Manezh",

October 6, 2018, Conference Hall "Plenary", 13:30-14:45 ***Russian, English***

Meeting of the Minister of Energy Alexander Novak with participants of the Youth Day of the REW-2018

A traditional meeting of the Minister of Energy of the Russian Federation Alexander Novak with participants of the Youth Day of the "Russian Energy Week" International Forum. The format of the meeting is "without ties". This year, the feature of the meeting will be the direct video-calls of students and young professionals from the universities of the BRICS countries.

Final session of the REW Youth Day, Central Exposition Center "Manezh",

October 6, 2018, Conference Hall "Plenary", 15:00-16:00 ***Russian, English***

Energy of Youth Initiatives 2019

Main results of the Youth Day #TogetherBrighter of the "Russian Energy Week-2018" International Forum with Deputy Minister of Energy of the Russian Federation and industry leaders.

Plenary discussion, Central Exposition Center "Manezh",

October 6, 2018, Conference Hall C, 16:00-17:15 ***Russian, English***

India and Russia: Horizons of Strategic Energy Cooperation

The Russian Federation and the Republic of India are committed to a dialogue on the development of energy cooperation in the oil and gas, electricity and nuclear sectors, in energy saving and energy efficiency, renewable energy sources. Particular importance of opportunities to expand cooperation is given within the framework of the BRICS and Inter-ministerial meetings on clean energy. Within the framework of the plenary discussion, it is planned to update perspective directions of cooperation in the energy sector between Russia and India, and to set high priorities for the youth energy cooperation.

Moderator

Alexander Kormishin, Chairman, Organizing Committee of the BRICS YEA Summit,

Speakers

Olga Yudina, Deputy Head of Department, Ministry of Energy of the Russian Federation,
Manpreet Singh Manna, Director (PMSSS & SWAYAM), All-India Council for Technical Education, Indian Government,
Purnima Anand, President, BRICS International Forum, India,
Mehul Mahrishi, Associate Professor, Department of Science & Engineering, Swami Keshvanand Institute of Technology Management, India,
Shanmugasundaram Prakash, Director-Research, Nehru Group of Institutions, Tamilnadu & Kerala, India,
Arindam Saha, Assistant Professor, Department of Computer Science and Engineering, Girijananda Chowdhury Institute of Management and Technology, India,

Participating:
Sergey Nikitin, *Adviser, India Division, Second Asian Department (2AD), Ministry of Foreign Affairs of the Russian Federation,*
Radjagopalan Narayanan, *First Secretary of the Embassy of the Republic of India,*
Igbal Guliev*, Deputy Director of the International institute of Energy Policy and Diplomacy, MGIMO,*
Maria Zeleniak, *Vice-President, «Global Energy» Association,*
Representative, KKR & KSR Institute of Tech. Sci. (KITS), Guntur,
Representative, National Institute of Technology, GOA,
Representative, Sri Krishna College of Engineering & Technology Coimbatore, Tamil Nadu (SKCET), Coimbatore,
Representative, Thapar Institute of Engineering & Technology, Patiala, Punjab,
Representative, JIS University, Kolkata,
Representative, C.V. Raman College of Engineering, Bhubneshwar,
Representative, Girijananda Chowdhury Institute of Management and Technology, Guwahati,

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Culture programme, Moscow historical centre,

October 4, 2018, 17:55-20:30 ***English***

Moscow Museum Tour featuring the State Historical Museum* or the State Tretyakov Gallery*

During the tour delegates are going to visit the State Historical Museum* or the State Tretyakov Gallery*

*Note for participants: places marked with * are optional and require entrance fee. If you want to visit these places, you have to mark them in the form which will be given to you upon arrival.*