

Event Program*

April 26, 2021, Monday

12:00—15:00 **Tires & Rubber Forum**

Organised by: EXPOCENTRE AO, the Association of Exporters and Importers, ENERGY Group

The invited participants are industry experts, representatives of state ministries and agencies, and representatives of manufacturing enterprises

Moderated by: Pavel Dolgov, Vice President at the Association of Exporters and Importers

Programme:

1. The state and forecast of the Russian tire and rubber products market (consumption volume, supply and demand balance, export share in production and import share in consumption, prices) - Oleg Vysotsky, CEO at ENERGY Group

2. Foreign trade in tires, rubber products and natural rubber. Generating suppliers and buyers. Overview of international markets - Pavel Dolgov, Vice President at the Association of Exporters and Importers

3. Issues of quality and origin of goods, raw materials in the rubber, tire and chemical industries - Oksana Polyanskaya, expert at ANO Soyuzexpertiza of the Russian Chamber of Commerce and Industry

4. Monitoring foreign trade for commodity and pricing policy development - Aleksey Baranov, ENERGY Group

5. Experience of exporting rubber mixes and compounds to the CIS and EU countries - Sergey Andreev, Director at Alfa-FTOR OOO

6. Specifics of importing rubber products to Russia - Sumir Kaul, CEO at INDUS-RTI

7. Importing natural rubber to Russia - Lubarto Sartoyo, Investment Adviser to the Ambassador of the Republic of Indonesia

8. Labeling of tires. Relevant issues - Olesya Mamontova, Mamontov Consulting OOO

9. Localisation of production in special economic zones, specifics of importing products and equipment - Irina Zasedatel, presidium member at the Association of Exporters and Importers

10. State support for tire and rubber products manufacturing
Free

Contacts:

Lyubov Ilinykh

+7 (499) 795-2514

ilinykh@expocentr.ru

Pavilion Forum, Conference Hall

April 27, 2021, Tuesday

- 10:40—11:20 **Presentation of the ELASTDOR Elastomeric Modifiers Based on Powder Tire Reclaim for Petroleum Bitumen and Asphaltic Concrete**
Organised by: the Tire Ecology Association, EXPOCENTRE AO
Free
Contacts:
info@shinoeco.ru
Pavilion Forum, Conference Hall
- 12:00—14:00 **Panel on the State and Relevant Trends of the Russian Market of Tires and Rubber Products**
Organised by: NIITEKHIM OAO, the Russian Chemists Union, EXPOCENTRE AO
Moderated by: Leonid Freiman, Deputy Executive Director at the Russian Chemists Union
Topics:
1. *The Russian tire market: the state and development forecast till 2030. Assessment of the competitive position of Russian manufacturers*
2. *Realities and prospects of development of the Russian market of synthetic rubbers*
3. *Main problems of Russian tire manufacturers and ways of solving them in order to reduce dependence on imports*
4. *New financing and project support opportunities*
5. *Current state support measures for exporters of tires and rubbers*
Free
Contacts:
Diana Kudryashova
+7 (495) 332-0429
E-mail: kudryashova@niitekhim.com
Pavilion Forum, Conference Hall
- 14:30—16:00 **Panel on the Current Issues in the Development of Human Resources in the Industry**
Speaker: Maria Ivanova, Vice President at the Russian Chemists Union, Vice-Chairman of the Professional Qualifications Board for the Chemical and Biotechnology Sector
Free
Contacts:
The Russian Chemists Union
+7 (499)264-5377
E-mail: der@ruschemunion.ru
Pavilion Forum, Conference Hall
- 10:00—18:00 **10th Russian Conference Rubber 2021: Traditions and Innovations**
Organised by: Russian Ministry of Industry and Trade, the Association of Developers and Manufacturers of Elastomer Materials and Products (Elastomers Association), the Scientific Research Institute of Elastomeric Materials and Articles (NIIEMI), the Lebedev Institute of Synthetic Rubber, MIREA - the Russian Technological University, the Kazan National Research Technological University
Assisted by: the Chimvest Scientific and Technical Centre, EXPOCENTRE AO

Plenary Meeting

- Synthetic rubber production by Russian companies in 2018-2020: results and key developments**
V.I. Aksenov (Moscow)
Overview of the carbon black market in Russia and the world
T.G. Gyulmisaryan, I.P. Levenberg, Makrohem-R
State support measures for businesses. Information support
I.I. Lyashkov (the Chimvest Scientific and Technical Centre)
Development of the tire recycling market in Russia via the industry's union of manufacturers and importers: success, challenges, prospects
S.A. Podoynikov (EcoTyresUnion)
Developing the engineering education: close cooperation between universities and the industry
L.R. Lyusova, A.N. Cherepanov (the Lomonosov Institute of Fine Chemical Technologies of MIREA - the Russian Technological University)
Engineering training for chemical and petrochemical companies in the Kazan National Research Technological University
Yu.M. Kazakov, D.Sh. Sultanova, A.Yu. Kopylov (the Kazan National Research Technological University)
The nanocarbon industry. When to expect a new generation of rubber
A.P. Voznyakovskiy (the Lebedev Institute of Synthetic Rubber)
Current laboratory testing of rubber cord composites: theory and experiment
Yu.A. Gamlitsky (the Lomonosov Institute of Fine Chemical Technologies of MIREA - the Russian Technological University)
V.F. Kablov (the Volzhsky Polytechnic Institute (branch) of the Volgograd State Technical University)
V.I. Mudruk (the Bauman Moscow State Technical University)
S.L. Sokolov (the Spektr Project Centre)
I.V. Veselov (the Vescom Research and Production Commercial Centre Vescom OOO)
Rubber-bearing dandelion species as alternative sources of high-quality natural rubber
B.R. Kuluev, A.V. Knyazev, G.R. Gumerova, Ya.M. Golovanov, A.V. Chemeris (the Ufa Federal Research Centre of the Russian Academy of Sciences)
Orgkhim Testing Centre
A.S. Lynova, N.A. Mikhaleva (Biosintez OOO)
E.A. Orlova, E.A. Glebova (the Management Company of the Orgkhim Biochemical Holding)
- Presentation**
Ferroflex: a new modifier for a wide range of polymers
A.V. Chichvarin, V.P. Smirnov, A.A. Moskvitin (FerroPolymer OOO)
A.S. Lynova, N.A. Mikhaleva (Biosintez OOO)
- Presentation**
Features of Polyplastol processing additives in the tire and rubber industry
S.I. Chernitsa (Eigenmann and Veronelli-Russo OOO)

Presentation

Natural highly reactive magnesium oxide MagPro®150: an alternative to synthetic grades in the production of halogen-containing rubber
K.S. Sdobnov, A.V. Kulichenko (Russian Mining Chemical Company OOO)

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Contacts:

Tatiana Konikova
+7 (499) 256-2166, +7 (916) 035-6454
E-mail: tkonikova@mail.ru, t.konikova@yandex.ru
Pavilion Forum, Western Hall

14:00—16:30 **Meeting of the members of the Tire Ecology Association**

Limited

Contacts:

info@shinoeco.ru
Congress Centre, Marble Hall

April 28, 2021, Wednesday

10:00—18:00 **10th Russian Conference Rubber 2021: Traditions and Innovations**

Organised by: Russian Ministry of Industry and Trade, the Association of Developers and Manufacturers of Elastomer Materials and Products (Elastomers Association), the Scientific Research Institute of Elastomeric Materials and Articles (NIIEMI), the Lebedev Institute of Synthetic Rubber, MIREA - the Russian Technological University, the Kazan National Research Technological University
Assisted by: the Chimvest Scientific and Technical Centre, EXPOCENTRE AO

SECTION I. NATURAL RUBBER

Taking into account the experience of growing plants with rubber carrying roots in the USSR

A.V. Chemeris, B.R. Kuluev, A.V. Knyazev, G.R. Gumerova (the Ufa Federal Research Centre of the Russian Academy of Sciences)

Structure analysis of butadiene styrene copolymers by NMR spectroscopy: accuracy issues

N. Makhyanov (Nizhnekamskneftekhim PAO)

Some aspects of assessing the properties of fluoroelastomeric materials

N.V. Lebedev, M.V. Zhuravlev, E.A. Zozulya, Yu.M. Gromova, P.A. Yuferov (the Lebedev Institute of Synthetic Rubber)

Production of butyl acrylate-based rubbers without the use of free emulsifiers and dispersants

S.V. Mishunin, S.A. Korneeva, K.A. Sugako, I.V. Baranets (the Lebedev Institute of Synthetic Rubber)

Factors affecting the colour change of butyl rubber

D.S. Botova, S.A. Gotfrid, Zh.G. Grigoruk (Tolyattikauchuk OOO)

The 120th anniversary of the creation of synthetic rubber: Ivan Kondakov, a Russian chemist, follower of A.A. Butlerov

M.D. Sokolova, V.V. Pavlova (the Institute of Oil and Gas Problems of the Siberian Branch of the RAS - the Division of Federal Research Centre "The Yakut Scientific Centre of the Siberian Branch of the Russian Academy of Sciences")

Promising research and developments of the Voronezh Branch of the Lebedev Institute of Synthetic Rubber

E.V. Komarov, V.N. Papkov (the Voronezh Branch of the Lebedev Institute of Synthetic Rubber)

Improvement of the production of frost-resistant butadiene-alpha-methylstyrene rubber SKMS-10PKP

V.N. Papkov, A.N. Yuriev, N.V. Lyapina (the Voronezh Branch of the Lebedev Institute of Synthetic Rubber)

New grades of butadiene nitrile latex for industrial and medical applications from Sibur

P.A. Chelnokov, S.I. Gustyakova (the Elastomers Center of Voronezhskintezkauchuk AO, Sibur)

O.V. Sorochenko (the Elastomers Center of Voronezhskintezkauchuk AO, Sibur)

Modification of butadiene styrene rubber by polymer chain length

A.V. Budeeva, E.V. Bogoyavlenskaya (NIOST OOO)

P.S. Lemport (the Lomonosov Moscow State University)

S.I. Volfson (the Kazan National Research Technological University)

Hydroxy-epoxy-brominated flame retardant based on butadiene-styrene copolymer

A.O. Zorin, E.E. Popovtsev, A.V. Budeeva (NIOST OOO)

E.M. Berezina (the National Research Tomsk State University)

Sibur's butadiene rubbers: new grades with improved consumer properties

G.V. Dzhabarov, S.A. Lagunova, R.S. Pirogov, A.L. Rumyantseva (the Elastomers Center of Voronezhskintezkauchuk AO, Sibur)

Influence of the molecular characteristics of stereoregular polybutadiens on the physical and mechanical properties of their vulcanisates

D.R. Fazilova, V.N. Borisenko (Nizhnekamskneftekhim PAO)

Sibur's butadiene styrene TEP: specialised grades for compounds and adhesives segments

M.V. Kolesnikova, Yu.M. Vorobyova, K.Yu. Astakhov, A.E. Setrakova, P.A. Chelnokov (the Elastomers Center of Voronezhskintezkauchuk AO, Sibur)

The current state of production at Tolyattikauchuk OOO

V.V. Dvoryankin (Tolyattikauchuk OOO)

SECTION II. RUBBER

Use and development of traditional rubber technology methods for assessing the structure and properties of cross-linked polyethylene

V.V. Kovriga, T.F. Oreshenkova, A.S. Vesilyeva (Polymerteplo Group OOO)

I.N. Pyatin (Zavod AND Gaztrubplast ZA)

Study of new environmentally friendly technological additives in rubbers based on butadiene nitrile rubber BNKS-28 AMN

S.V. Kotova, Yu.A. Naumova, L.R. Lyusova (the Lomonosov Institute of Fine Chemical Technologies of MIREA - the Russian Technological University)
A.B. Radbil, O.V. Tsaplina, E.A. Orlova, E.A. Glebova (the Management Company of the Orgkhim Biochemical Holding)

Polymeric flame-retardant and heat retardant water-bearing materials

V.F. Kablov, N.A. Keybal, T.V. Krekaleva (the Volzhsky Polytechnic Institute (branch) of the Volgograd State Technical University)

Using nitrile and diene rubber blends as the basis for sealing rubbers for machinery used in cold climates

V.V. Mukhin, N.N. Petrova (the Department of Chemistry of the Institute of Natural Sciences at the North-Eastern University in Yakutsk)

Ways to improve the frost resistance of sealing rubbers

M.D. Sokolova, A.R. Khaldeeva, V.V. Pavlova (the Institute of Oil and Gas Problems of the Siberian Branch of the RAS - the Division of Federal Research Centre "The Yakut Scientific Centre of the Siberian Branch of the Russian Academy of Sciences")

Elastomeric composites based on butadiene nitrile rubber and ultra-high molecular weight polyethylene

N.V. Shadrinov (the Institute of Oil and Gas Problems of the Siberian Branch of the RAS - the Division of Federal Research Centre "The Yakut Scientific Centre of the Siberian Branch of the Russian Academy of Sciences")

Percolation phase transition and study of the ozone resistance of vulcanisates

E.S. Bochkarev, O.O. Tuzhikov (the Volgograd State Technical University)

Improving the design process for rubber membranes

D.V. Kudelin (R&D Center Intire)
T.N. Nesiolovskaya (the Yaroslavl State Technical University)

High temperature water swellable packer rubbers

S.S. Lopatina, M.A. Vaniev, N.V. Sychev, A.D. Bruk, Ya.Yu. Savchenko (the Volgograd State Technical University)

Structure and properties of thermoplastic vulcanisates using modified fluorinated carbon black and natural raw material carbon black

S.I. Volfson (the Kazan National Research Technological University)

SECTION III. FILLERS

Effect of a carbon black grade on the properties of frost-resistant rubbers based on epichlorohydrin rubber modified with carbon nanotubes

E.N. Timofeeva, N.N. Petrova (the Department of Chemistry of the Institute of Natural Sciences at the North-Eastern University in Yakutsk)

Effect of multi walled carbon nanotubes on the properties of rubber based on nitrile rubber

I.S. Spiridonov, N.F. Ushmarin (Chapaev Cheboksary Production Association AO)

E.N. Egorov, N.I. Koltsov (the Ulyanov Chuvash State University)

Studying the oligomer - filler interaction

V.D. Voronchikhin, N.A. Shabunina (the Reshetnev Siberian State University of Science and Technology)

TUBALLTM single-walled carbon nanotube concentrates for improving electrical conductivity and physical and mechanical properties of tire rubbers

A.A. Khasin (Tyubol Centre NSK OOO, the Novosibirsk State University)

R.V. Karpunin, A.Yu. Skuratov (Tyubol Centre NSK OOO)

M.A. Korotich, E.O. Ivanov (the Novosibirsk State University)

Use of zinc oxide-reduced vulcanization activators in tire and rubber products formulations

O.V. Karmanova, S.G. Tikhomirov, A.A. Golyakevich (the Voronezh State University of Engineering Technologies)

Zh.S. Shashok (the Belarusian State Technological University)

S.N. Kayushnikov (Belshina Engineering and Technical Centre OAO)

Studying the effect of iron ore concentrate on the vulcanisation of polychloroprene-based rubber compounds

A.A. Khachaturov, A.O. Milova, E.E. Potapov, S.V. Reznichenko, A.N. Kovaleva (the Institute of Physics and Technology of MIREA - the Russian Technological University)

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Contacts:

Tatiana Konikova

+7 (499) 256-2166, + 7 (916) 035-6454

E-mail: tkonikova@mail.ru, t.konikova@yandex.ru

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* Subject to change