

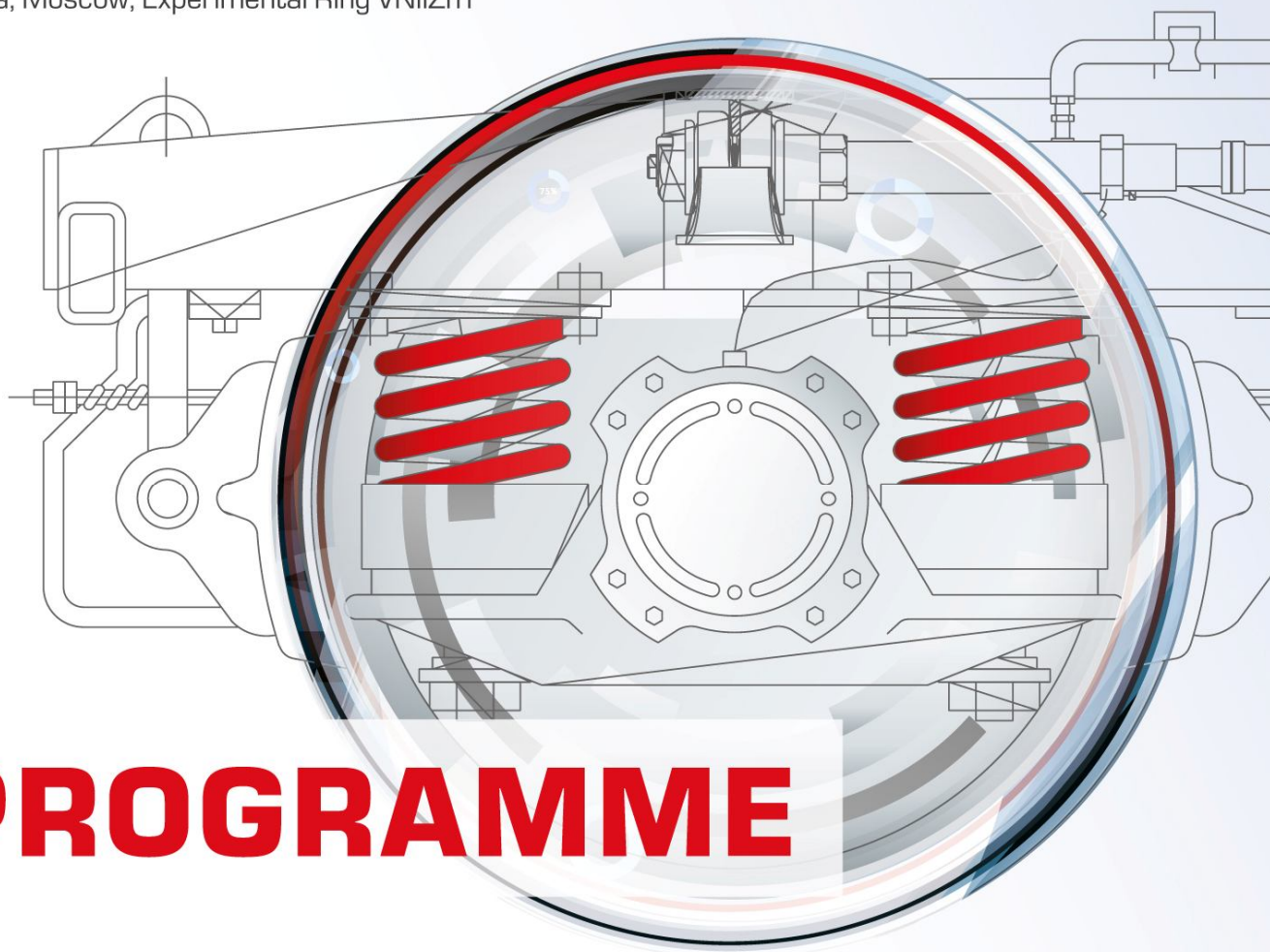


THE EIGHTH INTERNATIONAL CONFERENCE

RAILWAY ENGINEERING. PROSPECTS, TECHNOLOGIES, PRIORITIES

2-4 September 2015

Russia, Moscow, Experimental Ring VNIIZhT



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2 September (Wednesday)

<p>08:00</p> 	<p>Registration of Participants</p>
<p>08:30-10:00 Café for Delegates</p>	<p>Welcome Coffee</p>
<p>10:00-11:30 Pavilion No. 5 Conference Room No. 1</p>	<p>Open meeting of the Working Group Systematisation of development plans for urban rail transport and tram production in the Russian Federation</p> <ul style="list-style-type: none"> • Outlook for the development of urban rail systems, including on the basis of public-private partnership • Ensuring long-term remunerated demand for urban rail rolling-stock • Ensuring the compliance of domestically-produced rolling-stock with the current and future requirements of Russia's urban transport systems • Timeliness of the systematisation and regulatory underpinning of development plans for urban rail transport <p><i>Virtually all Russian regions are exhibiting demand for the construction of integrated urban rail-transport systems, although municipalities are hesitant to proceed with implementation due to a lack of financing. As a result, high-performance and potentially-profitable trams are being squeezed out by chaotic fixed-route transport. What mechanisms and economic instruments should be adopted in order to fix the situation? The Coordination Council for Transport Machine-Building at the RF Ministry of Industry and Trade is inviting representatives of the federal authorities, municipalities, carriers and equipment producers to engage in direct and open dialogue. It is anticipated that the discussion will make it possible to adjust current approaches to arranging legislative and investment support for urban rail transport..</i></p> <p>Moderator: Yury Saakyan, CEO, Institute for Natural Monopoly Problems</p> <p>Speakers: Alexey Bakirey, Director, Department for State Policy in Automotive and Urban Commuter Transport, Ministry of Transport of the Russian Federation* Andrey Dutov, Deputy Minister of Industry and Trade, Russian Federation* Alexander Gnatyuk, CEO, Federal State Unitary Enterprise Kirov Ust-Katavsky Train-Car Construction Company* Igor Koval, Director, Department for Investment Policy and the Development of Public-Private Partnership, Ministry of Economic Development of the Russian Federation* Maxim Liksutov, Deputy Mayor of Moscow at the Moscow Municipal Government, Head, Department for Transport and Road Infrastructure Development, City of Moscow* Kirill Lipa, CEO, Transmashholding* Andrey Shlyonsky, Deputy CEO for Railroad Machinery and Equipment, Uralvagonzavod*</p>
<p>10:00-11:30 Demonstration and Training Exhibition Centre</p> 	<p>Meeting of NP OPZHT Award ceremony for the best enterprises and employees in the railroad and machine-building sectors</p>

10:00-11:30 Pavilion No. 5 Conference Room No. 2	Round Table Prospects for Development of Rail Technology and Infrastructure Components
10:00-11:30 Administrative Building	Round Table Track-Recording Cars and Defectoscopy
11:35-11:55 Demonstration and Training Exhibition Centre	Signing Ceremony for International Agreements
12:00-12:20 Open area in front of the Demonstration and Training Exhibition Centre	Opening Ceremony of the Fifth International Fair of Railway Equipment and Technologies EXPO 1520
12:20-12:50	Viewing of the Static Exposition by Official Guests and Visitors
13:00-14:30 VNIIZHT Experimental Ring	Viewing of the Dynamic Exposition by Official Guests and Visitors
13:00-15:00 Café for Delegates	Lunch
15:00-16:30 Demonstration and Training Exhibition Centre	<p>Plenary Session: Railroad Machine-Building 1520: Contours of Sustainable Growth</p> <ul style="list-style-type: none"> • Main parameters of the updated State Program for the Development of Industry and Increasing Its Competitiveness • Strategy for enterprise growth against the backdrop of growing prices for metallurgical raw materials and increasingly-complex crediting conditions • Import substitution as a factor in increasing the technological independence of companies and guaranteeing conditions for effective sectoral self-development • State support measures: stimulating demand for innovative train cars and expanding leasing operations • Production partnership 1520 and 1435: impact of the integration of technological and managerial assets <p><i>Economic challenges and the volatility of international relations are prompting the producers and consumers of rail equipment to search for new forms of cooperation. Participants of the plenary session will discuss the various approaches that could facilitate the innovative development of rolling-stock manufacturing, reduce the costs and power consumption of domestically-produced products, boost labour productivity and rolling-stock quality, and stimulate the development of new types of rolling-stock and infrastructure elements.</i></p> <p><i>Presenters:</i> Lutz Bertling, Chairman of UNIFE, President, Bombardier Transportation* Jochen Eickholt, CEO, Mobility Division, Siemens AG* Alexander Karlin, Governor, Altay Region* Kirill Lipa, CEO, Transmashholding* Alexander Nesis, President, ICT Group* Denis Manturov, Minister of Industry and Trade, Russian Federation* Henri Poupart-Lafarge, President, ALSTOM Transport* Dmitry Pumpyansky, Chairman of the Board of Directors, Sinara Group* Vladimir Yakunin, President, Russian Railways</p>

16:30-16:45 Café for Delegates	Coffee Break
18:25 Railroad platform of the dynamic exposition	Electric train departs for Kievsky Railway Station for the evening reception
20:00 Chaika Restaurant	Reception hosted by Russian Railways

September 3 (Thursday)

08:00 	Registration of Participants
08:30-10:00 Café for Delegates	Welcome Coffee
10:00-12:00 Demonstration and Training Exhibition Centre	Scientific and Historical Conference on the Occasion of the 170th Jubilee of the National Transportation Manufacturing
10:00-11:30 Pavilion No. 5 Conference Room No. 1	Research Convention Cyber Security of the Transport Machine-Building Sector
10:00-11:30 Pavilion No. 5 Conference Room No. 2	Round Table Energy Savings, Resource Conservation and the Environment
11:30-12:00 Café for Delegates	Coffee Break
12:00-13:30 Pavilion No. 5 Conference Room No. 1	<p>Research Convention Import Substitution. Prospects and Priorities</p> <ul style="list-style-type: none"> • Creation of a favourable environment for industrial growth: what preferences do suppliers and investors expect from the state? • Synergy between federal assistance and regional import-substitution programmes • Revision of science-and-technology potential: what are Russian research-and-engineering centres capable of? • Participation of Russian companies in international production-technology chains: logic of interaction under the pressure of economic sanctions • Development of the patenting system: what are we missing when it comes to the full-fledged use of intellectual property? • Approaches to education: what are the competencies professionals need to acquire to move quickly to self-sufficiency? <p><i>The business programme of the second day of the trade fair will continue with a more detailed discussion of how to improve the competitiveness of the products manufactured by 1520 enterprises. At the centre of the agenda: the feasibility and effectiveness of import-substitution processes – not just in terms of manufacturing, but also with respect to the utilisation of scientific potential, including the refinement of education systems and the institution of patenting.</i></p> <p>Moderator: Anatoly Khodorovsky, Author of the CARGO Index Project; Deputy CEO, REGION Investment Company*</p>

Speakers:
Andrey Dutov, Deputy Minister of Industry and Trade, Russian Federation*
Valentin Gapanovich, Senior Vice-President for Innovative Development, Chief Engineer, Russian Railways; President, NP OPZHT
Evgeny Kuyvashev, Governor, Sverdlovsk Region*
Kirill Kyak, CEO, All-Union Research and Development Centre for Transportation Technology
Boris Lapidus, CEO, VNIIZHT*
Kirill Lipa, CEO, Transmashholding*
Alexander Saltaev, CEO, Ural Locomotives*
Andrey Shevelev, Governor, Tver Region*
Andrey Shlyonsky, Deputy CEO for Railroad Machinery and Equipment, Uralvagonzavod*
Oleg Strelkov, Director, Federal State Budgetary Establishment, Federal Institute for Industrial Property*

12:00-13:30
Pavilion No. 5
Conference Room No. 2

Round Table
Innovative Train Cars: Panacea or Threat?

- How to guarantee the sustainability of the train-car construction-and-repair market in conditions of surplus production facilities?
- Parameters of train-car innovativeness and tariff policy
- Specialised rolling-stock: how to offset the costs of development and certification?
- Lifecycle costs of innovative train cars: How will the train-car repair-facility system function?
- Servicing of innovative rolling-stock by train-car construction companies

A pressing issue giving rise to widespread debate – can an innovative rail car become the next starting-off point for the development of rolling-stock manufacturing? What kind of rail car should be considered innovative, and what characteristics should be included in the concept? Under what conditions are investments in the production of such rail cars recouped? And, finally, why, given the general profile of rail cars, is there such a deficit of specialised rolling-stock?

Moderator:
Boris Lapidus, CEO, VNIIZHT*

Speakers:
Irina Chiganashkina, Member of the Board, SRO NP Union of Railroad Transport Operations, Deputy CEO for Technical Development, RTH Logistic*
Sergey Goncharov, Deputy CEO for Technical Development, Chief Engineer, Freight One*
Dmitry Losev, Deputy CEO for Technical Development, United Wagon Company
Dmitry Medvedev, CEO, Altayvagon*
Gennady Petrov, Department Chair, Train Cars and Train Car Maintenance Department, MIIT*
Sergey Poryadin, Deputy CEO for Technical Development - Chief Engineer, Member of the Board, Federal Freight
Mikhail Sapetov, CEO, VRK-2*
Vladimir Savchuk, Deputy CEO, Institute for Natural Monopoly Problems*
Shevket Shaydullin, Head of the Department for Traffic Safety, Russian Railways*
Andrey Shlyonsky, Deputy CEO for Railroad Machinery and Equipment, Uralvagonzavod*
Vladimir Vargunin, Head of the Transport Regulation Office, Federal Tariff Service*
Alexey Vorotilkin, Vice President, Head of the Propulsion Division, Russian Railways
Natalya Yakovenko, Deputy Head, Office for Transport and Communications Control, Federal Anti-Monopoly Service*

<p>13:30-15:00 Café for Delegates</p>	<p>Lunch</p>
<p>15:00-16:30 Pavilion No. 5 Conference Room No. 1</p>	<p>Round Table Economics of Locomotive-Engine Construction in Sluggish Market Conditions: What Should Manufacturers Bank On?</p> <ul style="list-style-type: none"> • Improving operational reliability: synthesis between foreign and international experience • Cost-cutting mechanisms in the project lifecycle: feedback between manufacturers and maintenance organisations • Economics of locomotive propulsion power: finding the right balance between acquisition and maintenance costs • Support for sector enterprises via mechanisms of public-private partnership • Hiring and retaining: where to find qualified employees? <p><i>The result of localisation is not just high-quality rolling-stock, but also minutely-detailed and field-proven management decisions. An important factor determining the effectiveness of investments in traction rolling-stock is emerging as the ratio between its acquisition and operating costs. What decisions are being suggested by manufacturing companies, and what criteria are being used in the customer's choice of equipment?</i></p> <p>Moderator: Innokenty Ivanov, Partner, Head of Infrastructural-Project Practices and Transport in Russia, Freshfields Bruckhaus Deringer*</p> <p>Speakers: Philippe Citroën, CEO, UNIFE Association of the European Rail Industry* Valentin Gapanovich, Senior Vice-President for Innovative Development, Chief Engineer, Russian Railways; President, NP OPZHT Mikhail Khodorovsky, CEO, Sinara Group* Sergey Kofman, Vice President for Business Development, CIS Region, Alstom Transport* Kirill Lipa, CEO, Transmashholding* Boris Lyovin, President, MIIT* Guillermo Martinez Acero, CEO, Talgo Russia* Yury Saakyan, CEO, Institute for Natural Monopoly Problems Hans Schabert, CEO, Vossloh Bahn und Verkehrstechnik * Matthias Steur, Director for CIS Sales, Stadler* Jurgen Wilder, Head of the Line-Haul Transport Division, Mobility Department, Siemens AG*</p>
<p>15:00-16:30 Pavilion No. 5 Conference Room No. 2</p>   <p>Association of European Businesses</p> <p>Successful Together</p>	<p>International Business Forum Development of Russian-EU Partnership Relations: Joint Projects Outside of Politics</p> <ul style="list-style-type: none"> • Industrial associations — a mechanism for accelerating innovative development and improving the competitiveness of engineering companies • Development of railways — a benchmark for industrial development • Harmonization of technical regulations, standards and rules in railway transportation between EU and Customs Union countries • The international standard IRIS: extending certification to infrastructure components and improving business efficiency for 1520 manufacturers <p>Moderators: Oleg Senkovsky, First Deputy Director, Technical Audit Center, Russian Railways; Vice-President, Association of Railway Equipment Manufacturers non-profit partnership Philippe Pegorier, Chairman of the Board, Association of European Businesses in the Russian Federation*</p>

Speakers:

Philippe Citroën, Director General, Association of the European Rail Industry (UNIFE)

Pascal Clere, Senior Vice President, Alstom Transport*

Valentin Gapanovich, Senior Vice-President, Russian Railways; President, Association of Railway Equipment Manufacturers non-profit partnership

Martin Lange, President, German Railway Industry Association (VDB)*

Louis Negre, President, French Railway Industry Association (FIF)*

Wolfgang Roth, President, Austrian Association of the Railway Industry*

Efim Rozenberg, First Deputy CEO, NIIAS*

Alexander Saltayev, CEO, Ural Locomotives*

Frank Schauff, CEO, Association of European Businesses

Hans Schabert, CEO, Vossloh Bahn und Verkehrstechnik*

Michaela Stöckli, Director, SWISSRAIL Industry Association*

Andrey Shkabardnya, Business Development Manager, Caterpillar Eurasia LLC*

September 4 (Friday)

08:00



Registration of Participants

10:00-11:30

Administrative
Building

Fourth International Forum

Transport Science: Innovative Solutions for Business

Plenary Session

Key Problems and Assessment of the Socioeconomic Effectiveness of HSR Projects

- Strategy for the development of high-speed and express railroads in Russia
- Regional aspects of implementing HSR projects
- Speed of motion: social mobility as a factor of sustainable development
- Socioeconomic drivers behind the creation of high-speed railroad transport in Russia
- Socioeconomic effects of implemented HSR projects, international experience and recoupment issues in infrastructural projects
- Implementation of the Kazan-Moscow high-speed railroad project and outlook for a high-speed transport corridor across Eurasia between Moscow and Beijing
- Instruments of public-private partnership for HSR projects
- Complementarity and balance between high-speed, express and traditional transportation: who will be transporting passengers - and how?
- Issues of HR support for HSR projects. Role of universities in preparing highly-qualified personnel for HSR projects

12:00-14:00

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Panel Discussion

Choice of Optimal Technical Solutions and Development of Innovative Technologies in High-Speed Transport

- Implementation of HSR projects in Russia as a driver for the expansion of innovations and modernisations in the sphere of transport in the Russian Federation.
- High-speed railroads as a channel for attracting innovative technologies and new technical means
- Scientific support for HSR construction projects. Use of cutting-edge technologies and advancements in HSR projects in Russia Creation of the necessary design and technology resources
- 400 km/h: technical solutions and economic feasibility
- Trends in the development of high-speed railway transport
- Using cutting-edge materials in the development of transport infrastructure in high-speed transportation projects
- Opportunities for cooperation between Russian and foreign companies in the sphere of design, construction, servicing, and equipment-technology delivery within the scope of HSR projects
- Energy-supply systems for HSR: experience and perspectives of managing high-speed transportation projects
- Environmental problems in high-speed transport: international integration and foreign experience