

SYNOPSIS ON THE TOPIC

Internet of Things, IoT



Policies, technologies and practices that relate to the development of machine-to-machine communications as well as the likely social, industrial and economic impact.

On the Roscongress Information and Analytical System on the chosen topic you will find:

Analytics

11 analytical materials

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125 speakers

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ANALYTICAL DIGEST

29.07.2019

ASIA_tech No. 7. June - July, 2019

The seventh issue of Asia tech news and analytics digest prepared by Russia-China law society with the support of Lomonosov MSU Center for Asian legal studies.

- Driverless vehicles
- Blockchain
- Internet of Things, IoT
- Artificial Intelligence, AI
- Robotics

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ANALYTICAL DIGEST

30.05.2019

ASIA_tech No. 6. April - May, 2019

The sixth issue of Asia tech news and analytics digest prepared by Russia-China law society with the support of Lomonosov MSU Center for Asian legal studies.

Driverless vehicles Blockchain Internet of Things, IoT
Artificial Intelligence, AI Robotics

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ANALYTICAL DIGEST

28.02.2019

ASIA_tech No. 4. January - February, 2019

The fifth issue of Asia tech news and analytics digest prepared by Russia-China law society with the support of Lomonosov MSU Center for Asian legal studies.

Driverless vehicles Blockchain Internet of Things, IoT
Artificial Intelligence, AI Robotics

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ST. PETERSBURG INTERNATIONAL ECONOMIC FORUM 2019

Are We Witnessing a Paradigm Shift in the Global Economic Order?

📅 6 June 2019 ⌚ 11:00–12:15



Moderator

Peter Lavelle

Anchor, RT

KEY CONCLUSIONS

The global economy is undergoing widespread change

In the past 30 years up until recently, the global economy has been living a dream. And many new developing countries were integrated into this system. They learned to enjoy the fruits of this system, of the architecture, financial trade, legal system – they were actually created by the Western world. And now that they rose in their economic power, they basically compete for the same share of the pie with those who created this architecture – Timur Maksimov, Deputy Minister of Economic Development of the Russian Federation.

I think a large part of the reason why trade growth is slowing is because China is becoming more developed, so instead of exporting all of its output, there is a growing domestic market. <...> And on the input side, what was previously imported into China, China can now supply itself. <...> And because it [China] is so large, it affects global trade flow – James McCormack, Global Head of Sovereign and Supranational Ratings Group, Fitch Ratings .

Protectionism is doing damage to all players on the international stage

With protectionism there are no winners. Everybody will lose one way or the other, touching from the slowing down of global growth to impact on business investment decision and hiring, as well as the volatility in the financial market – Paul Chan, Financial Secretary of the Hong Kong Special Administrative Region of the People's Republic of China.

We now see the comeback of protectionism and we have the end of worldwide globalization. Now there is a new frame – regionalization. You have Asia, you have both Americas, and

you have China, and of course if in Europe we are not working all together – the European continent is a bridge between Asia and the United States, the West and the East – we will be the loser – Jean-Pierre Thomas, President, Thomas Vendome Investment.

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ST. PETERSBURG INTERNATIONAL ECONOMIC FORUM 2019

Who Stands to Win in the Global Competition for Supremacy in Artificial Intelligence?

📅 6 June 2019 ⌚ 11:00–12:15



Moderator

Kirill Tokarev

Editor-in-Chief, Anchor, RBC

KEY CONCLUSIONS

AI technologies have turned into a major tool for global development

According to very careful estimates, during the period up to 2030, the contribution into annual GDP growth from using AI technologies might reach from 1.1% to 2% of annual increase. And this is a very balanced estimate for the Russian economy that corresponds to highly conservative global expert assessments, – Maxim Akimov, Deputy Prime Minister of the Russian Federation.

Big data are the new oil; they are our oxygen – Borge Brende, President, World Economic Forum.

Artificial intelligence is a leverage for other industries that must give them a boost. And real implementation highly depends on how ready a particular industry is for this – Dmitry Dyrmovsky, General Director, Member of the Board of Directors, Speech Technology Centre.

Use of state-of-the-art technologies is a crucial factor for competitiveness of national economies

If you have access to technologies, you are a real country, otherwise – not so much. The choice is pretty straightforward <...> those who want to be a real country work on this strategy and develop a national strategy – Maxim Akimov, Deputy Prime Minister of the Russian Federation.

Both Russian state and business are actively

In 2017, there were only five countries in the world that invested considerable intellectual and managerial resources

implementing AI technologies

into development of national strategies. Now, there are more than thirty countries. And Russia has joined the list – [Maxim Akimov](#), Deputy Prime Minister of the Russian Federation.

Our company now has a 50% growth in proceeds. <...> The whole company is built on artificial intelligence; we do not have anything else. 100% of our proceeds come from the AI technology – [Elena Bunina](#), General Director, Director of Organizational Development and HR Management, Yandex Russia .

There are now over 2,000 models functioning at the bank that can be called AI and ML-based models, and this number is constantly growing – [Alexander Vedyakhin](#), First Deputy Chairman of the Executive Board, Sberbank.

AI technologies offer a considerable increase in productivity

The ‘Cognitive Geologist’ programme will allow to shorten the exploration phase by two times. This means tens of billions of roubles. Using traditional approaches, it took us up to 18 months to create a model, now we will get models for our fields within 3–4 months – [Alexander Dyukov](#), Chairman of the Management Board, Chief Executive Officer, PJSC Gazprom Neft.

The most difficult thing in crediting is crediting of major companies. At the best, it usually takes 2–3 weeks for a bank. We have launched an AI-based process that takes 7 minutes from client’s request to actual money, including legal analysis. <...> We do not have a single model that would increase productivity for less than 30%. <...> We have no alternatives, it must be implemented – [Alexander Vedyakhin](#), First Deputy Chairman of the Executive Board, Sberbank.

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ST. PETERSBURG INTERNATIONAL ECONOMIC FORUM 2019

Co-Creating the Future. Business Solutions for Realizing Sustainable Development Goals

📅 6 June 2019 ⌚ 09:00–10:15



Moderator

Victor Vekselberg

Chairman of the Board of Directors, Skolkovo Foundation;
Chairman of the Board of Directors, Renova Group

KEY CONCLUSIONS

Business plays the role in achieving sustainable development goals

Business is a key player in this process [of achieving sustainable development goals, – Ed.]. The government cannot singlehandedly – without business’s involvement – resolve issues of poverty and destitution, infant mortality and malnutrition – Andreas Schaal, Director of Global Relations Secretariat, Organisation for Economic Co-Operation and Development (OECD) .

Business plays an important role in forming every country’s economy. Unfortunately, many politicians in many countries mistrust business. They do not understand and are not aware of the contribution business makes to their countries’ economic development. <...> Business should help the governments see the sustainability and the stability it brings to the economy – Hemant Kanoria, Chairman, Managing Director, Srei Infrastructure Finance Limited .







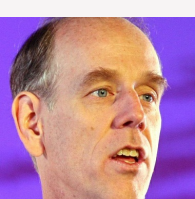

Digitalization is the cornerstone of sustainable development





I would like to highlight digitalization and technological transformation as crucial factors of sustainable development. On the one hand, introduction of state-of-the-art technologies and innovations can take productivity to a whole new level, while it is now stagnating in many countries. On the other hand, the countries that neglect technological upgrade will lose the opportunity to maintain and raise productivity in the future – Alexander Shokhin, President, Russian Union of Industrialists and Entrepreneurs (RSPP).

Today, we are entering stage five – the creative society [Society 5.0 is a development strategy based on the use of digital technology, – Ed.] Combination of digital transformation and imagination and creativity in all sorts of people will make resolving the toughest social issues possible and will help create new values. We try to achieve the UN sustainable development goals through bringing Society 5.0 to life – Teruo Asada, Chair, Japan-Russia Business Cooperation Committee, Japan Business Federation (Keidanren) .

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Speakers and experts

	<p><u>Александр Хайтин</u></p>	<p><u>1 events</u></p>
	<p><u>Alexander Dyukov</u> Chairman of the Management Board, Chief Executive Officer, PJSC Gazprom Neft</p>	<p><u>5 quotes</u> <u>11 events</u></p>
	<p><u>Mikhail Zadornov</u> Chairman of the Management board of Otkritie FC Bank</p>	<p><u>7 quotes</u> <u>9 events</u></p>
	<p><u>Svetlana Lukash</u> Russian G20 Sherpa</p>	<p><u>4 quotes</u> <u>11 events</u></p>
	<p><u>Andrey Kuzyaev</u> President, Chairman of the Management Board, Member of the Board of Directors, ER-Telecom Holding</p>	<p><u>16 quotes</u> <u>9 events</u></p>
	<p><u>Хайнц Херманн Тиле</u></p>	<p><u>3 events</u></p>
	<p><u>Stephen Brobst</u> Chief Technology Officer, Teradata</p>	<p><u>3 quotes</u> <u>5 events</u></p>
	<p><u>Vasily Osmakov</u> Deputy Minister of Industry and Trade of the Russian Federation</p>	<p><u>9 quotes</u> <u>24 events</u></p>

	<p><u>Alexei Abramov</u> Head of the Federal Agency on Technical Regulating and Metrology (Rosstandart)</p>	<p><u>7 quotes</u> <u>5 events</u></p>
	<p><u>Nadezhda Surova</u> Director, Institute of Administration and Socioeconomic Design, Plekhanov Russian University of Economics</p>	<p><u>2 quotes</u> <u>4 events</u></p>
	<p><u>Mikhail Oseevskiy</u> President, Chairman of the Management Board, Rostelecom</p>	<p><u>14 quotes</u> <u>27 events</u></p>
	<p><u>Hemant Kanoria</u> Chairman, Managing Director, Srei Infrastructure Finance Limited</p>	<p><u>8 quotes</u> <u>7 events</u></p>

[Full list of speakers and experts](#) →

The list of topics related to the selected topic

Topics	Analytics	Events	Speakers and experts
Artificial Intelligence, AI	<u>9</u>	<u>3</u>	<u>35</u>
Digitalization	<u>3</u>	<u>5</u>	<u>44</u>
Blockchain	<u>6</u>	<u>2</u>	<u>23</u>
IT industry		<u>6</u>	<u>59</u>
Driverless vehicles	<u>6</u>		
Robotics	<u>6</u>		
Smart Cities	<u>2</u>	<u>3</u>	<u>35</u>
Cybersecurity	<u>3</u>	<u>2</u>	<u>20</u>
Big Data		<u>4</u>	<u>38</u>
Standards of living	<u>1</u>	<u>2</u>	<u>28</u>
Consumer Sentiment		<u>2</u>	<u>26</u>
Industry 4.0		<u>2</u>	<u>19</u>
Demographics		<u>1</u>	<u>15</u>
Innovation infrastructure		<u>1</u>	<u>13</u>
Power generation		<u>1</u>	<u>13</u>

[Full list of the related topics](#) →