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## St. Petersburg International Innovation Forum

### RUSSOFT Leadership Forum

**NOVEMBER 13-15, 2019**

EXPOFORUM Convention and Exhibition Centre

St.Petersburg, Peterburgskoye sh. 64/1

Innovative development of the Russian Federation today is one of the priority strategies of the state policy. The regional authorities are racing for places in the overall innovative development rating. And there are absolute leaders in this rating, including St. Petersburg, Moscow, Kazan, Novosibirsk, Kaliningrad, Chelyabinsk and other cities. The factors that influence the digitalization and implementation of innovations in the economy of a particular city/region/organization are already defined.

And human takes not the last place in this list of factors. Those who bring innovations to cities and companies, who can understand technologies and implement them, are ready for challenges and are not afraid of new.

In 2019, within the framework of RUSSOFT Leadership Forum, we will continue to talk about these "superhumans" both in government and commercial companies.

What tasks can be solved by technology, and what remains a necessary condition for high quality management. We will look at the recruitment issues for companies in both the IT industry and the position of IT leaders in the organization. Let's find out what competencies a candidate should have for the digital manager position. Let's analyze the legal issues of innovation and technology implementation in companies. At the same time, we will try to define what technologies are now not just a trend, but really in demand in different fields, which of them carry an additional social burden, what additional services and opportunities, and which determine the economic efficiency.

THEME OF THIS YEAR: HUMAN and TECHNOLOGY.

Program Structure

#### **Strategic session**

#### **HUMAN AND TECHNOLOGIES**

**Opening ceremony. Welcome words.**

**Plenipotentiary Representative of the President of the Russian Federation to the North-West Federal District**

**Saint-Petersburg City Governor**

**Speakers:**  
**REPRESENTATIVE**, Government of Novgorod Region/Kaliningrad Region  
**REPRESENTATIVE**, Data Economy  
**REPRESENTATIVE**, PWC/KPMG  
**REPRESENTATIVE**, Information Technologies, Mechanics and Optics University  
**REPRESENTATIVE**, Almaz Capital Foundation  
**REPRESENTATIVE**, Kaspersky Lab

SMART CITY	MANUFACTURING	HUMAN RESOURCES	SOCIAL PROJECTS
<p><b>Regions race for smart technologies: innovations for housing and public utilities</b></p> <p><i>The project of Urban Economy Digitalization of the Ministry of Construction and Housing and Communal Services of the Russian Federation is primarily aimed at improving the competitiveness of Russian cities and forming an effective system of urban management. But the main task should remain in creating comfortable and safe conditions for people. For this purpose, modern technologies contribute to reducing the consumption of energy and water resources, reducing the cost of consumption and ensuring safety. How are the tasks of digitalization of the urban environment implemented in the NWFR? What is a comfortable urban environment, what technologies will help to achieve the European standards of living? How to achieve economic efficiency with the introduction and use of modern smart technologies in housing and utilities?</i></p>	<p><b>Shipbuilding is a hallmark of North-West Federal Region. What approach will be taken in digitalizing the most important industry in the region?</b></p> <p><i>Phased digital transformation in shipbuilding. Import substitution in the shipbuilding industry - is the entire transition to domestic IT products possible? During this session we raise the issue of information security - how to protect sensitive objects of virtual shipbuilding? Digital twins in the shipbuilding industry: experience of international and Russian software developers.</i></p>	<p><b>Human resources: innovation in management</b></p> <p><i>Data economy is not a separate industry. It is something that is relevant today at any enterprise, in any industry, in any company, whatever it does and whatever products/services it produces. To perceive new ideas and technologies in public sector, we need people who are receptive to these new technologies and who will determine the digital development of the enterprise - industry - region and, ultimately, the entire country. We will talk about who is training personnel for the digital industry today, about modern technologies in the selection of personnel for innovation, about the basic competences of "new" managers, as well as about how to recruit a team and motivate people to work productively.</i></p>	<p><b>Healthcare</b></p> <p><i>Today many Russian regions have been integrated with the Unified State Health Information System (USHIS) that provides the service of making doctor's appointment online.</i></p> <p><i>However, the integration of all regions into a single digital contour will be completed only by 2021. Plans for the digital development of healthcare system in the regions have been defined, but is everyone ready for this integration?</i></p> <p><i>How does the government introduce remote monitoring systems for human health? What is the legal framework for these services? What services should be introduced to increase the quality of healthcare?</i></p>
<p><b>Public Private Partnership as a driver of IT projects development</b></p>	<p><b>Pharmaceutical cluster: strategy of the innovative development</b></p>	<p><b>A series of master classes for owners of small and midsize businesses in the field of innovation</b></p>	<p><b>Education</b></p>

<p><i>Infrastructure projects realization under the terms of PPP is a trend of the last few years. Primarily, it affected transport and road construction fields. The implementation of PPP projects in the field of IT remained unaffected due to legislation gaps and the following impossibility of implementing the projects. However, the adopted PPP Law in IT seemed to open the way for everyone to let information technology into cities thanks to the partnership of private and public money. However, this has not yet happened. Let's talk to the best lawyers of the country and representatives of the regional authorities.</i></p>	<p><i>St. Petersburg is the innovation and pharmaceutical center of Russia. Here one can find hi-tech companies, world-class scientific education centers and pharmaceutical enterprises producing medications for all the country. Let's talk about what stands behind the innovative development in pharmaceutical industry? What is innovation life cycle in pharmaceutical industry? What role does the state support have in production of the innovation medicines and when will we grow from national champions to the global ones?</i></p>	<p><i>Leading coaches and managers of successful companies will share their experience and tell about</i>  <i>-How to use the owner's resources for successful development of the company, as well as to get access to unique and/or expensive expertise in the market (on the example of HR function).</i>  <i>-How to organize the process of group work in search of effective solutions and develop soft skills of employees and managers.</i>  <i>-How does a workplace strategy help to increase the company's turnover and what is the impact of workspace organization in a modern IT company?</i></p>	<p><i>Creating a common educational space and providing access to high-quality education through the digital environment is what NWFD regions need to do to improve education levels as early as primary school. But technology itself cannot teach, and the teacher remains the most important link in this chain. How can we ease teacher's work and give him/her more time to spend with students than with papers? How can a child of the digital generation be interested in learning? What technologies make the process of learning interactive, and the monitoring of student progress more explicit?</i></p>
<p><b>Disruptive technologies for northern regions: how artificial intelligence and the Internet of Things improve the quality of municipal services and the standard of living</b></p> <p><i>Expert round table within the project 'KolArctic: Disruptive Informational Technologies For Barents Euro Arctic Region</i></p> <p><i>Infrastructure sector occupies one of the key places in the strategy of development of the Arctic zone of the Russian Federation, which includes modernization</i></p>	<p><b>Industrial safety in the digital era</b></p> <p><i>Plenty of new cyber-physical systems appear within the process of digital transformation in industrial enterprises. Information security systems are transforming. This, in turn, increases the number of new threats to digital enterprises. Vulnerability of industrial systems is growing because of low-level protection of special equipment and information systems. What are these threats, how to prevent them and ensure uninterrupted monitoring of digital systems in the industry?</i></p>	<p><b>Applied regulation of artificial intelligence technologies</b></p> <p><i>Round table</i></p> <p><i>Artificial Intelligence is a key technology for the country's digital development and Russian government has already allocated 90 billion rubles. At the same time, there is still no single definition of AI in the legislation, and the regulation of AI application is in its infancy.</i></p> <p><i>The participants of the session are invited to discuss topical issues of legislative regulation of technology application,</i></p>	

<p><i>of the Arctic transport system and creation of innovative infrastructure. Experts will discuss what innovative solutions are in demand in the North and what tools will be used to improve the efficiency of urban municipal services on the basis of decentralized autonomous organizations in the near future.</i></p>	<p><i>What activities should be carried out to identify weaknesses before an incident? And what place does person have in this chain?</i></p>	<p><i>aspects of interaction with regulators (centers of competence for AI technologies), as well as problems faced by developers in the implementation of technologies and possible ways to solve them.</i></p>	
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