



**ITU Regional Workshop for CIS on  
the Internet of Things (IoT) and Future Networks**  
*Saint Petersburg, Russia, 19-20 June 2017*

**DRAFT AGENDA**

**Monday, 19 June 2017**

<b>09:00-09:30</b>	<b>Registration of participants</b>
<b>09:30-10:00</b>	<p><b>Opening remarks:</b></p> <ul style="list-style-type: none"> <li>– Federal Communications Agency – <b>Mr. Vladimir Arefiev</b>, Deputy Head, Department of Public Services in Telecommunications</li> <li>– International Telecommunication Union (ITU) – <b>Mr. Kirill Oparin</b>, Director, ITU Regional Office for CIS</li> <li>– Bonch-Bruевич St. Petersburg State University of Telecommunications – <b>Mr. Konstantin Dukelskiy</b>, Acting Rector</li> <li>– Rostelecom – <b>Mr. Alexey Borodin</b>, Head, Rostelecom Representation in Geneva – Representative in ITU</li> </ul>
<b>10:00-11:00</b>	<p><b>Session 1: International standardization of the Internet of Things, its applications and future networks</b></p> <p><b>Moderator:</b> <b>Mr. Alexey Borodin</b>, Head, Rostelecom Representation in Geneva – Representative in ITU, <b>Russia</b></p> <p><b>Speakers:</b></p> <p><b>S1_1. Overview of ITU-T standardization activities as of 2017</b> <b>Mr. Denis Andreev</b>, Advisor of ITU-T SG11, Telecommunication Standardization Bureau, <b>ITU</b></p> <p><b>S1_2. Key areas of JTC1 ISO/IEC standardization. Experience of Rosstandart technical committees</b> <b>Mr. Nikita Utkin</b>, Head, Corporate Development, Russian Venture Company, Chairman of TC194 «Cyber Physical Systems», <b>Russia</b> <b>Mr. Alexey Borodin</b>, Head, Rostelecom Representation in Geneva – Representative in ITU, RC22 «Information technologies», <b>Russia</b></p> <p><b>S1_3. Impact of international standards on local markets development. Provider experience</b> <b>Mr. Grigory Sizov</b>, Head, Strategic Projects, VimpelCom, <b>Russia</b></p>
<b>11:00-11:30</b>	<b>Coffee break</b>

11:30-12:30	<p><b>Session 1 (continued)</b></p> <p><b>Speakers:</b></p> <p><b>S1_4. VoLTE/ViLTE interconnection. Common issues and the way forward</b>  <b>Mr. Martin Brand</b>, Senior Specialist, A1 Telekom Austria, Rapporteur on Q9/11 and Q11/11 ITU-T SG11, <b>Austria</b></p> <p><b>S1_5. Invisible threat in SS7 networks – attacks based on caller ID spoofing</b>  <b>Sergey Puzankov</b>, Head of Group, Positive Technologies, <b>Russia</b></p> <p><b>S1_6. Internet related performance measurements</b>  <b>Mr. Martin Brand</b>, Senior Specialist, A1 Telekom Austria, Rapporteur on Q9/11 and Q11/11 ITU-T SG1, <b>Austria</b></p> <p><b>S1_7. Overview of ITU-T standardization activities of 5G/IMT-2020</b>  <b>Mr. Denis Andreev</b>, Advisor of ITU-T SG11, Telecommunication Standardization Bureau, <b>ITU</b></p>
12:30-13:30	<p><b>Lunch</b></p>
13:30-15:30	<p><b>Session 2: Perspectives of implementing Internet of Things technologies in telecom networks in the region</b></p> <p><b>Moderator: Mr. Farid Nakhli</b>, Programme Officer, Area Office for CIS, <b>ITU</b></p> <p><b>Speakers:</b></p> <p><b>S2_1. Internet of Things technologies – strong catalyst for digital economy creation</b>  <b>Viliam Saryan</b>, Member of the National Academy of Sciences of Armenia, Doctor of Technical Sciences, Professor of MIPT and MTUCI, Scientific Consultant FSUE NIIR, <b>Russia</b></p> <p><b>S2_2. Digital transformation of urban environment</b>  <b>Ms. Alesia Mamchur</b>, Center of Strategic Innovations, Rostelecom, <b>Russia</b></p> <p><b>S2_3. Ensuring information security of digital substations as an element of IIoT</b>  <b>Mr. Vladimir Karantaev</b>, PhD, IEC Expert, Head of Direction, Infotecs, <b>Russia</b></p> <p><b>S2_4. Implementing smart building technologies as a means of reducing operational costs</b>  <b>Mr. Vladimir Ivashko</b>, PhD, Deputy Director on Research and Development, Giprosvjaz, <b>Belarus</b></p> <p><b>S2_5. Implementation of IoT technologies on the basis of SDN networks</b>  <b>Ms. Iryna Pokhabova</b>, PhD, Associate Professor, Telecommunication Systems and Networks Department, State University of Telecommunications, <b>Ukraine</b></p> <p><b>S2_6. Improving quality of management of municipal resources, services and security through implementation of integrated digital platforms, combining information flows from different IoT devices</b>  <b>Mr. Alexander Savinov</b>, Strategic Manager for Promotion of New Technologies, Cisco, <b>Russia</b></p>
15:30-16:00	<p><b>Coffee break</b></p>

16:00-18:00	<b>Session 2 (continued)</b>
	<b>Speakers:</b>
	<b>S2_7. Real IoT business based on Jasper Cisco automation</b> Mr. Leonid Denisov, Strategic Accounts Manager in Russia, CIS and Eastern Europe, Cisco Jasper, <b>Russia</b>
	<b>S2_8. Global trends as implemented in the case of DWDM-platform "Volga"</b> Mr. Konstantin Marchenko, Deputy Director General, T8, <b>Russia</b>
	<b>S2_9. Some aspects of ensuring quality in Internet channels</b> Mr. Nikolai Storozhuk, Director General, Kometekh, <b>Russia</b>
	<b>S2_10. LoRaWAN network in city and country scale: issues of implementation, operational experience and prospects</b> Mr. Alexander Trubicyn, Head of Direction, Larteh Telecom, <b>Russia</b>
	<b>S2_11. Ultra-wideband sensor network for industrial IoT</b> Mr. Sergey Zavyalov, Associate Professor, Institute of Physics, Nanotechnologies and Telecommunications, Peter the Great St. Petersburg Polytechnic University, <b>Russia</b>
<b>S2_12. Outcomes of the ITU regional workshop on smart cities and societies (1-2 June 2017, Samarkand, Uzbekistan)</b> Mr. Farid Nakhli, Programme Officer, Area Office for CIS, <b>ITU</b>	

**Tuesday, 20 June 2017**

09:30-11:00	<b>Session 3: Future telecom networks development in the region</b>
	<b>Moderator: Mr. Andrey Kucheryavy</b> , Head of Department, Bonch-Bruevich St. Petersburg State University of Telecommunications, Chairman of the ITU-T SG11, <b>Russia</b>
	<b>S3_1. Fifth generation networks as a basis for digital economy</b> Mr. Andrey Kucheryavy, Head of Department, Bonch-Bruevich St. Petersburg State University of Telecommunications, Chairman of the ITU-T SG11, <b>Russia</b> Mr. Alexey Borodin, Head, Rostelecom Representation in Geneva – Representative in ITU, <b>Russia</b>
	<b>S3_2. Flying sensor networks, Internet of Things, tactile Internet and perspective services on their basis</b> Mr. Russian Kirichek, Head of the IoT Lab, Bonch-Bruevich St. Petersburg State University of Telecommunications, Chairman of the ITU-T SG11, <b>Russia</b>
	<b>S3_3. Research on intersystem switch for vertical handover in heterogeneous wireless networks</b> Mr. Alexander Grebeshkov, Ms. Yuliya Gaidamaka, Ms. Olga Vihrova, Ms. Elvira Zaripova, Peoples' Friendship University of Russia, Povolzhskiy State University of Telecommunications and Informatics, <b>Russia</b>
<b>S3_4. Quality of service aspects of multimedia traffic generated by the IoT devices</b> Mr. Konstantin Lyzhynkin, Deputy Director, FSUE ZNIIS Branch LONIIS, <b>Russia</b>	

<b>11:00-11:30</b>	<b>Coffee break</b>
<b>11:30-12:30</b>	<p><b>Session 3 (continued)</b></p> <p><b>S3_5. Measuring parameters of the Internet of Things</b>  <b>Mr. Igor Vlasov</b>, Commercial Director, COMINTEST  <b>Mr. Igor Andreev</b>, Director General, COMINTEST, <b>Russia</b></p> <p><b>S3_6. Role of public authorities in creating enabling environment for implementation and development of the Internet of Things</b>  <b>Mr. Anatoli Nevmerzhitski</b>, ITU Expert, <b>Belarus</b></p>
<b>12:30-14:00</b>	<b>Lunch</b>
<b>14:00-15:00</b>	<p><b>Round table</b></p> <p><b>Moderator: Mr. Denis Andreev</b>, Advisor of ITU-T SG11, Telecommunication Standardization Bureau, <b>ITU</b></p> <p><b>Issues to be discussed</b></p> <ul style="list-style-type: none"> <li>– Determine key directions of industry development in the region in context of implementation of future networks, including IoT</li> <li>– Determine key directions of international standardization (including ITU-T SG11 and SG20) in the area of future networks and IoT, which are of Region's interest and require attention of ITU-T Regional Groups</li> <li>– Determine potential companies interested in promoting Region's interest within ITU-T standardization activities</li> <li>– Determine demand to hold future courses and workshop on future networks and IoT</li> </ul>
<b>15:00-15:15</b>	<b>Approval of the workshop outcome document</b>
<b>15:15-15:30</b>	<b>Official closing</b>