First Meeting of Steering Committees
Centers of Excellence (CoE) for the regions of Europe and the CIS
Warsaw , Poland
February 8, 2019

**Head of International Cooperation Department
Irina Karimova**

ITU training seminar for CIS countries "Internet of Things and Digital Economy"

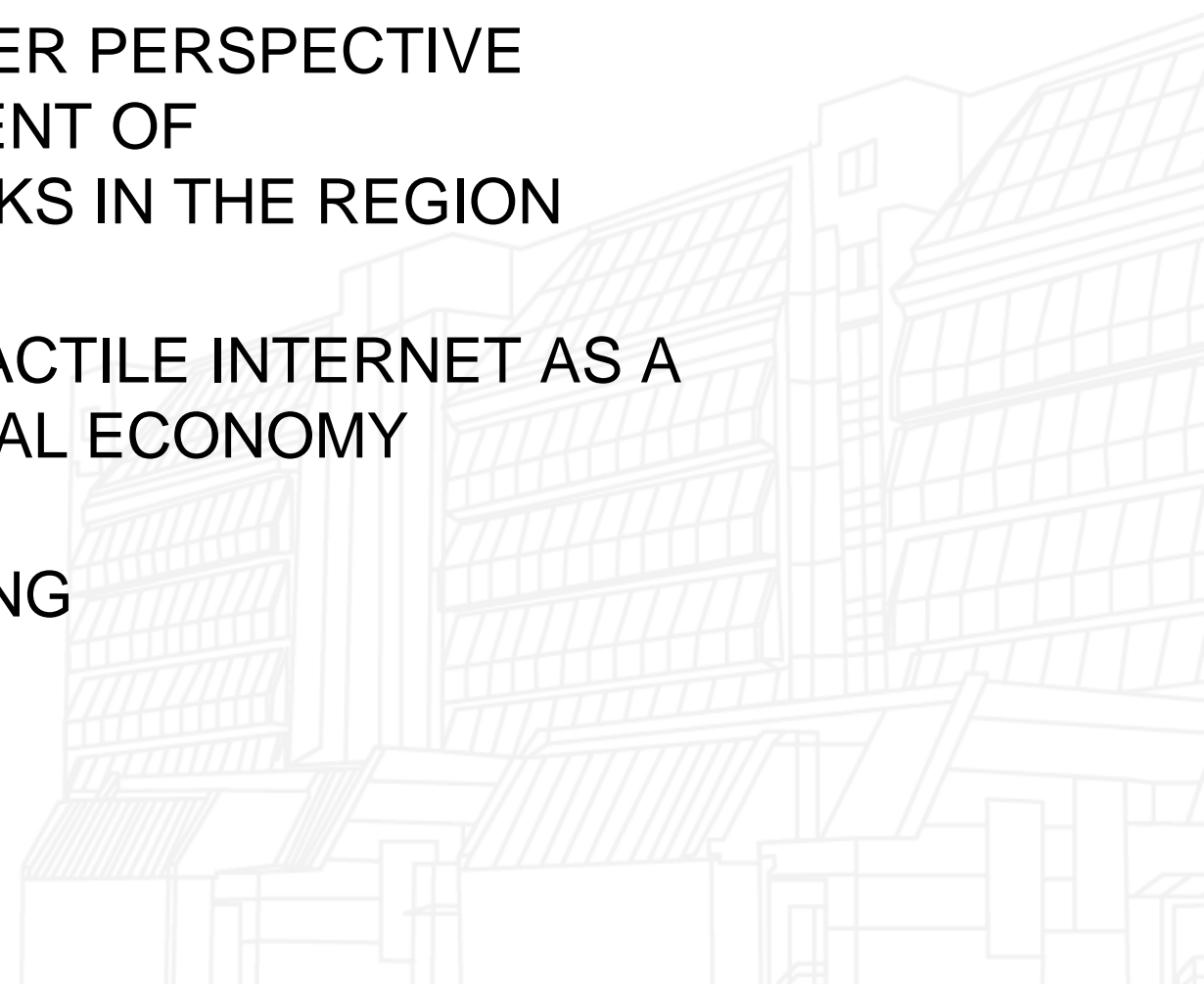St. Petersburg, Russia, June 2019

DRAFT PROGRAM

SESSION 1: INTERNET OF THINGS STANDARDIZATION

SESSION 2: PRACTICE OF IMPLEMENTING THE TECHNOLOGIES OF INTERNET OF THINGS ON COMMUNICATION NETWORKS OF THE REGIONAL COUNTRIES

СЕССИЯ 3: TACTILE INTERNET AND OTHER PERSPECTIVE DIRECTIONS OF DEVELOPMENT OF COMMUNICATIONS NETWORKS IN THE REGION

СЕССИЯ 4: INTERNET OF THINGS AND TACTILE INTERNET AS A BASIS FOR EFFECTIVE DIGITAL ECONOMY

СЕССИЯ 5: INTERNET OF THINGS TESTING

ITU training seminar for CIS countries "Internet of Things and networking solutions"

St. Petersburg, Russia, September 2019

Санкт-Петербургский государственный университет
телекоммуникаций им. проф. М.А.Бонч-Бруевича

DRAFT PROGRAM

SESSION 1: STANDARDIZATION OF COMMUNICATIONS NETWORKS FOR IMPLEMENTATION OF THE CONCEPT OF INTERNET OF THINGS

SESSION 2: TECHNOLOGY OF INTERACTION DEVICE_ DEVICE D2D

SESSION 3: TECHNOLOGIES OF SOFTWARE CONFIGURABLE SDN NETWORKS

SESSION 4: TECHNOLOGIES MOBILE EDGE COMPUTING MEC

SESSION 5: TESTING NETWORKS FOR INTERNET OF THINGS

ITU training seminar for CIS countries
"DIGITAL BROADCASTING"

St. Petersburg, Russia

DRAFT PROGRAM

1. Analysis of development of Digital Broadcasting industry (DAB) in the world.
2. Overview of current Digital Broadcasting standards :

3. Analysis of regulatory documents regulating Digital Broadcasting industry (ITU-R, ETSI documents, national standards).
4. Perspective Digital Broadcasting standards for implementation for CIS. Research results in Russia:
   - Experimental zone of Digital Broadcasting DRM + in St.Petersburg / SPbSUT / 2014-2018.
   - Experimental zone of digital broadcasting DAB + in Moscow / Moscow Technical University of Communications and Informatics / 2013-2017.
   - Experimental Digital Broadcasting areas RAVIS in Kazan and Izhevsk / Moscow Institute of Physics and Technology / 2017-2018.

5. Practical session: working with DRM + equipment.

Training dates: up to two weeks of intensive training (the end of July, the middle of January).

ITU training seminar for CIS countries
"Security of Cloud Infrastructure"
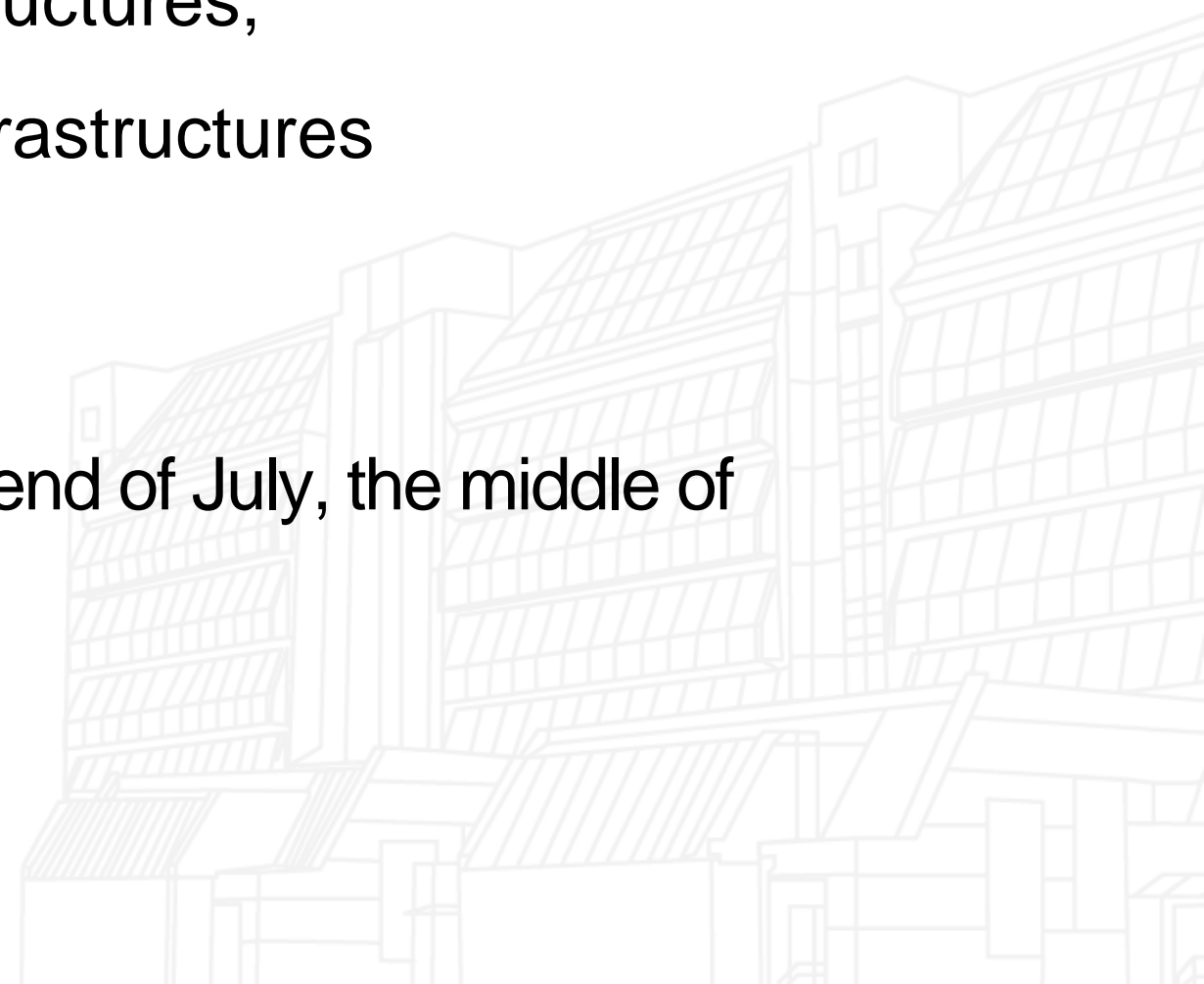
St. Petersburg, Russia

DRAFT PROGRAM

Gain skills to detect vulnerabilities in cloud infrastructures and develop solutions to protect against vulnerabilities::

- privacy principles for cloud infrastructures;

- principles of integrity in cloud infrastructures;

- principles of accessibility in cloud infrastructures

Training dates :
up to two weeks of intensive training (the end of July, the middle of January)

ITU training seminar for CIS counties "Network Security"

St. Petersburg, Russia

СПбГУТ)))

Санкт-Петербургский государственный университет
телекоммуникаций им. проф. М.А.Бонч-Бруевича

DRAFT PROGRAM

Gain skills in vulnerability detection in software-defined networks, use virtualization technology, and develop solutions to protect against vulnerabilities :

- principles of building software-configurable networks;

- Openflow protocol operation principles;

- basics of virtualization: vulnerabilities, threats, security solutions for threat protection;

- principles of network virtualization and overlay network

Training dates:
 up to two weeks of intensive training (the end of July, the middle of January).

THANK YOU FOR ATTENTION!

Thank you for your attention!

Head of International Cooperation Department

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