

Program of the international Workshop
'IMPLEMENTATION EXPERIENCE OF NETWORK PERFORMANCE
PARAMETERS CONTROL SYSTEMS AND GRANTING REQUIRED LEVEL
OF SERVICES QUALITY ON THE OPERATOR NETWORKS. SENSOR
NETWORKS – AS OPTIMIZATION TOOL FOR VEHICULAR TRAFFIC
FLOW'

within ITU-ZNIIS joint project on creation of
'International Telecommunication Testing Centre'
(ITTC)

Moscow, Russia, 27-29 April 2011

April 27

09.30 – 10.00 Participants registration

Participants registration and training and information materials distribution

10.00 – 10.15 Minkosvyaz welcoming address

Deputy Head of Department "Government services management in the field of telecommunication"

Y.V. Pankratov

10.15 – 10.30 Welcoming address from ITU Area

Administrator of Programs for CIS Countries

A.L. Untila

10.30 – 10.45 Welcoming address from RCC Executive Committee

Director General

N.N. Mukhitdinov

10.45 – 11.00 ZNIIS welcoming address

ZNIIS Science Director

D.V. Tarasov

11.00 – 12.30 European operators' approaches on implementation of network performance parameters control systems for granting required level of services quality

Introduction to QoS concepts, transmission planning, QoE, user perception, distinction & selection of appropriate regulatory approaches; best practice

ETSI STQ Vice-Chairman

Joachim Pomy

Setting up a National Transmission Plan & QoS for international connections

ETSI STQ Vice-Chairman

Joachim Pomy

Transport of 64 kbit/s transparent data service over IP

ETSI TISPAN WG6 Chairman, ITU-T SG11 WP4 Vice-Chairman

Martin Brand

12.30 – 13.00 Coffee break

13.00 – 14.00 International standardization of approaches on network performance parameters control for granting required services quality parameters

Draft ITU-T Rec. Q.3915 – as the general approach to NGN services testing

ZNIIS Technopark expert

K.A. Savin

Handbook on network performance parameters testing and control for granting NGN services quality

ZNIIS Technopark Director

D.V. Andreev

14.00 – 15.00 Lunch

15.00 – 16.00 International standardization of approaches on network performance parameters control for granting required services quality parameters (continuation)

IMS/PES Performance Benchmark and exchange performance design objectives

ETSI TISPAN WG6 Chairman, ITU-T SG11 WP4 Vice-Chairman

Martin Brand

Demonstration of emutel Harmony telecom testing solution

Arcatech Managing Director

Terry Simpson

16.00 – 16.30 Coffee break

16.30 – 17.30 International projects on implementation of network performance parameters control mechanisms

Voice and Fax/Modem transmission in VoIP networks

ETSI TISPAN WG6 Chairman, ITU-T SG11 WP4 Vice-Chairman

Martin Brand

POLQA (ITU-T Rec. P.863) - The Next-Generation Mobile Voice Quality Testing Standard

ETSI STQ Vice-Chairman

Joachim Pomy

April 28

10.00 – 11.00 Approaches on implementation of network performance parameters control systems for granting required services quality

KPI & voice quality measurement during drive tests

ETSI STQ Vice-Chairman

Joachim Pomy

IPv6 protocol capability on QoS support

ZNIIS Technopark expert

V.A. Shalaginov

11.00 – 11.30 Coffee break

11.30 – 12.30 Approaches on implementation of network performance parameters control systems for granting required services quality (continuation)

The IPTV QoS methodology measurement

ZNIIS Technopark expert

A.G. Itkin

Demonstration of joint IXIA/ZNIIS solution on automatic control of IPTV services quality

ZNIIS Technopark expert

V.A. Shalaginov

12.30 – 13.00 Approaches on introduction and modernization of Operation Support Systems. NGOSS methodology

ZNIIS Science Director

D.V. Tarasov

13.00 – 14.00 Lunch

14.00 – 15.00 Approaches on implementation of network performance parameters control systems for granting required services quality on CIS operators networks

Experience of Belorussia telecom operators on implementation of network performance parameters control systems for granting required services quality. Typical problems. Experience of SLA implementation.

1st category Engineer of Giprosvyaz R&D department

F.K. Nakhli

Experience of Ukraine telecom operators on implementation of network performance parameters control systems for granting required services quality. Typical problems. Experience of SLA implementation.

Leading engineer of State Enterprise «Ukraine State Radiofrequency Centre»

D.A. Domin

15.00 – 15.30 Coffee break

15.30 – 16.30 Approaches on implementation of network performance parameters control systems for granting required services quality on CIS operators networks (continuation)

Experience of “MoldTelekom” on implementation of network performance parameters control systems for granting required services quality. Typical problems. Experience of SLA implementation.

Deputy Technical Director «Moldtelekom»

S.N. Kazak

System for granting of services quality control (QoS) on Uzbekistan operators networks. Problems and ways of evolution.

Head of Communication and Information department of "UNICON.UZ"

A. Mirkhabibov

16.30 – 17.30 Round table

Common discussions of seminar topics

ZNIIS Technopark Director

D.V. Andreev

April 29

10.00 – 11.00 Sensor networks and RFID systems

Analysis of USN implementation experience and overview of potential trends of introduction for sensor networks technologies and M2M processes on the Russian Federation territory

ZNIIS Science Director

D.V. Tarasov

Aspects of standardization and development of RFID technologies. Examples of projects on implementation of this technology in the Republic of Korea (South Korea)

Senior engineer National IT Industry Promotion Agency RFID/USN Center

Mr. Ryu, Hanjong

11.00 – 11.30 Coffee break

11.30 – 13.00 Sensor networks and RFID systems (continuation)

Standardization of Sensor Network Reference Architecture

Senior engineer National IT Industry Promotion Agency RFID/USN Center

Mr. Ryu, Hanjong

Approaches on USN/RFID technical means testing

Senior engineer National IT Industry Promotion Agency RFID/USN Center

Mr. Ryu, Hanjong

13.00 – 14.00 Lunch

14.00 – 15.30 Approaches on implementation of vehicular traffic control models using new technologies. Aspects of network performance parameters control and management in the future networks

The typical project of sensor network for vehicular traffic control
ZNIIS Technopark Director

D.V. Andreev

Road Surface Networks technology enablers for enhanced ITS
Expert in Wireless Sensor Networks of Lulea University of Technology

Laurynas Riliskis

Enabling Remote Controlled Road Surface Networks for Enhanced ITS
Expert in Wireless Sensor Networks of Lulea University of Technology

Laurynas Riliskis

15.30 – 16.00 Coffee break

16.00 – 17.00 Round table

Common discussions of seminar topics
ZNIIS Technopark Director

D.V. Andreev

17.00 – 17.30 Final session

Report by ITU Area Office representative
Administrator of Programs for CIS Countries

A.L. Untila

Report by ZNIIS representative
ZNIIS Science Director

D.V. Tarasov

17.30 – 18.00 Ceremonial presentation of ITU certificate