## The new cup of interoperability and conformance testing Recommendations

## Dr. Andrey Koucheriavy

## Adviser of General director ZNIIS Vice chairman of SG11 ITU-T

The more than 30 Recommendations for interoperability in accordance with Global Interoperability issues for technical means, services and QoS classes and parameters are planned to develop during study period 2009- 2012. Overview of Recommendation drafts will be given in report. Some of them will be considered more detailed, especially in the new testing area.

The Test Services capability set 1 (TS1) will be analysed. The Recommendation drafts for basic and supplementary services, streaming services and multimedia services will be described.

The Benchmarking testing as a new area of testing will be considered, including requirements for traffic sets and traffic profiles.

The technical means interoperability contents many aspects. The most important in accordance with experience is the signaling system interoperability. The issues of signaling interoperability problems will be considered in report. Furthermore, the special issue about signaling system interoperability between NGN and climate change monitoring system will be considered too on the base of both wireless sensor network protocols ZigBee and 6LoWPAN.