FINAL REPORT

International Telecommunication Union (ITU) in cooperation with the A.S. Popov Odessa National Academy of Telecommunications (A.S. Popov ONAT) of the Ministry of Education and Science of Ukraine held the **ITU Regional Workshop for Europe and CIS on eHealth development** in Odessa, Ukraine on **October 17-19, 2018**.

The Workshop was attended by more than **40 people** who represented **22 organizations** from **12 states**, namely: the Republic of Austria, the Republic of Belarus, Greece, Iran, the Kyrgyz Republic, the Republic of Moldova, Slovenia, Switzerland, Turkey, Ukraine, the United States of America, Japan.

Group photo of the Workshop Participants

The workshop was devoted to such relevant issues: Role of governments and international organizations in e-health development; Regulating e-health development in Europe and CIS; Development of technical solutions in the field of e-health, including telemedicine; Actual problems of designing e-health systems, including telemedicine networks; Building human capacity in the field of e-health; Impact of telecommunications/ICT on human health; Prospects of the e-health development.

The workshop was held in Russian and English with simultaneous interpretation. **22 reports** were presented at the workshop by the experts of international organizations, government bodies, educational institutions and public and private organizations.

During the grand opening of the workshop, welcoming speeches were made by: **Vadim Kaptur** (vice-rector for scientific work of A.S. Popov ONAT), **Farid Nakhli** (Programme Officer of the ITU Regional Office for CIS), **Nadezhda Goncharenko** (first deputy director of the Health Care Department of Odessa City council), as well as **Grigory Tyapkin** (director of the municipal non-commercial enterprise of information and medical condition of the Odessa region council). Also, greetings on behalf of **Alexander Danchenko** (Chairman of the Committee on Informatization and Communication of the Verkhovna Rada of Ukraine) and **Stanislav Schneider** (Director of the Institute of Dentistry and Maxillofacial Surgery of the NAMS of Ukraine) were read out for the participants of the workshop.

Also, the Director of the Telecommunication Standardization Bureau of ITU, **Chaesub Lee**, made a speech through a video message.
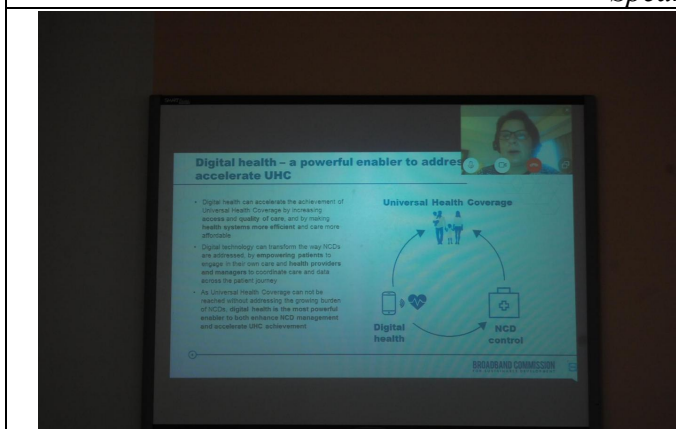

The grand opening of the Workshop

During the first day of work (October 17, 2018), 8 reports were presented, within two sessions:

– Session 1 «Role of governments and international organizations in e-health development» (moderator – Vadym Kaptur):

Speakers of Session 1

– Session 2: «Regulating e-health development in Europe and CIS» (moderator – Farid Nakhli):

Speakers of Session 2

During the second day of work (October 18, 2018), 8 reports were presented, within two sessions:

– Session 3 «Development of technical solutions in the field of e-health, including telemedicine» (moderator – Orozobek Kaiykov):
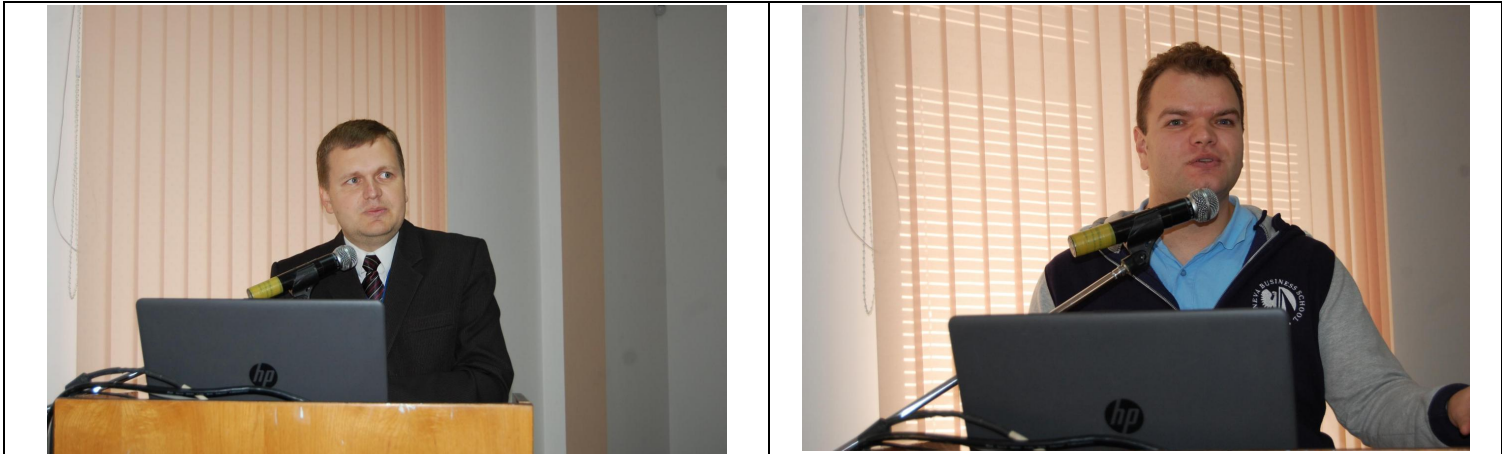
Speakers of Session 3

– Session 4 «Actual problems of designing e-health systems, including telemedicine networks» (moderator – Andrei Untila):

Speakers of Session 4

During the third day of work (October 19, 2018), 5 reports were presented, within two sessions:

– Session 5 «Impact of telecommunications/ICT on human health» (moderator – Vladislav Kumysh);

– Session 6 «Building human capacity in the field of e-health» (moderator – Basile Spyropoulos).

Speakers of Sessions 5 and 6

Also on that day (October 19, 2018) the round table "Prospects of the e-health development" (moderator – Petro Vorobiyenko) took place, within the framework of which the conclusions and recommendations of the workshop were developed.

During the closing ceremony, final remarks were made by: Petro Vorobiyenko (Rector of A.S. Popov ONAT) and Farid Nakhli (Programme Officer of the ITU Regional Office for CIS). Also, the participants of the workshop were awarded with the memorable certificates signed by the Rector of the A.S. Popov ONAT.

Presentation of certificates

The Workshop participants noted:

1)   the relevance of the Workshop, as well as the feasibility of holding such events in the future with the involvement of practicing medical staff;

2)   the practical importance of the presented reports for international organizations, ministries and regulators, health care organizations, higher education institutions, scientific-research organizations, equipment manufacturers, and telecom operators – materials of the Workshop can be used by participants in their professional activities;

3)   the key role of international and interdepartmental cooperation, as well as state support, including the availability of public policies, in the development of e-health;

4)   the practical usefulness of the results of the work of the Study Groups of the ITU Development Sector in the field of e-health, as well as the need of more active involvement of representatives of academic organizations and scientific-research organizations in their work;

5)   the feasibility of developing clear guidelines for determining the best option for building telemedicine networks at the local, regional and national levels, including recommendations on the use of software and hardware platforms;

6)   the need to develop, within the framework of ITU regional initiatives, the standard design documentation for building telemedicine networks, as well as recommendations for the provision of medical services with their help, taking into account the existing e-health standards;

7)   the importance of continuing research aimed at the active introduction of technologies of artificial intelligence, the Internet of things, sensor networks in e-health

8)   the need to continue to further assess the level of the harmful effects of information and communication technologies on human health, taking into account their active use in the therapeutic and diagnostic process;

9)   the essential meaning of digital literacy of the population for e-health development;

10)   the practical importance of e-health training courses created in the framework of the CIS regional initiative "Development of e-health to ensure healthy lives and promote well-being for all, at all ages", approved at the World Telecommunication Development Conference 2017, and the importance of practicing medical staff involvement in the process of their improvement;

11)   the importance of the timely development of the regulatory and administrative base in medical institutions at all levels for the widespread introduction of e-health;

12)   the need to ensure an adequate level of personal data protection when building modern medical information systems;

13)   the essential role of mobile health care for the early diagnosis of diseases and the improvement of the quality and duration of life;

14)   the importance of creating and managing of reliable health-related content in any languages on the web and encouraging professional health providers to involve in such content creation;

15)   the importance of growth of public culture for using ICT in healthcare promotion regarding to increasing role of social networks and mobile applications.

The participants expressed their sincere gratitude to the moderators and speakers of the Workshop, to the management and employees of the International Telecommunication Union and to A.S. Popov Odessa National Academy of Telecommunications for the excellent organization and holding of the Workshop.

Additional materials:
1. Presentations
2. Photos
3. Webcast archive
    a. Day 1 (Part 1, Part 2)
    b. Day 2 (Part 1, Part 2)
    c. Day 3
4. Interviews and reportages in the media:
    a. News GRAD
    b. GLAS (Odessa)
    c. Vesti Odessa / Guests Farid Nakhli and Vadym Kaptur
    d. Reporter (Odessa)
5. Website of the Workshop