



United Nations  
Educational, Scientific and  
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UNESCO Institute  
for Information Technologies  
in Education



United Nations  
Educational, Scientific and  
Cultural Organization

UNESCO Moscow Office  
for Armenia, Azerbaijan, Belarus,  
the Republic of Moldova and the Russian Federation

## International Conference IITE-2010

# ICTs in Teacher Education: Policy, Open Educational Resources and Partnership

November 15–16, 2010

St. Petersburg, Russian Federation

### PRELIMINARY PROGRAMME

Conference Co-organizers



Herzen State Pedagogical University of Russia



State University of Aerospace Instrumentation



State University of Information Technologies,  
Mechanics and Optics

Conference Partner



**International Conference IITE-2010**

**Venue:**

Herzen State Pedagogical University of Russia	Opening and Plenary Sessions, Closing Ceremony, Parallel Session 1	48, bld.5, Naberezhnaya Reki Moyki (metro "Nevskiy Prospekt" or "Gostiniy Dvor")
State University of Aerospace Instrumentation	Parallel Session 2	67, Bolshaya Morskaya Street
State University of Information Technologies, Mechanics and Optics	Parallel Session 3	49, Kronverkskiy Prospect

**Sunday, November 14, 2010**

Arrival of participants

**Monday, November 15, 2010**

<b>09.00</b>	<b>Departure from the hotels to the Herzen State Pedagogical University of Russia</b>
09.15–10.00	<b>Registration of participants</b> (White hall, Herzen State Pedagogical University of Russia)
<b>10.00–10.30</b>	<b>Official Opening of the Conference</b> (Heraldic hall, Herzen State Pedagogical University of Russia): <u>Chairperson:</u> Mr. Dendev BADARCH, UNESCO Representative in Armenia, Azerbaijan, Belarus, the Republic of Moldova and the Russian Federation, Director of the UNESCO Moscow Office and Director a.i. of UNESCO IITE
	<u>Welcome speeches:</u> Mr. Qian TANG, UNESCO Assistant-Director General for Education Mr. Bernard CORNU, Chairperson of the UNESCO IITE Board, Director for Education, CNED-EIFAD, France Mr. Valery GOLOSHCHAPOV, Assistant to Plenipotentiary Representative of the President of the Russian Federation Representative of the Government of the City of St. Petersburg, Russian Federation Representative of the Government of the Leningrad Region, Russian Federation Representative of the Ministry of Education and Science of the Russian Federation Mr. Grigory ORDZHONIKIDZE, General Secretary of the Commission of the Russian Federation for UNESCO, Deputy Director of the Department of International Organizations of the Ministry of Foreign Affairs of the Russian Federation Mr. Gennady BORDOVSKY, Rector of the Herzen State Pedagogical University of Russia, Head of the UNESCO Chair in Sciences of Education, Russian Federation
<b>10.30–14.00</b>	<b>Plenary session I: Teacher Development Policies and Programmes Integrating ICTs and ODL</b> <u>Chairpersons:</u> Mr. Dendev BADARCH, UNESCO Representative in Armenia, Azerbaijan, Belarus, the Republic of Moldova and the Russian Federation, Director of the UNESCO Moscow Office and Director a.i. of UNESCO IITE Mr. Gennady BORDOVSKY, Rector of the Herzen State Pedagogical University of Russia, Head of the UNESCO Chair in Sciences of Education, Russian Federation
10.30–10.50	<b>Digital natives in a knowledge society: new challenges for education and for teachers</b> Mr. Bernard CORNU, Chairman of the IITE Governing Board, Director for Education, National Centre for Distance Education (CNED-EIFAD), France
10.50–11.00	<b>UNESCO and teacher development policies and programmes, including ICTs</b> Mr. Alexander KHOROSHILOV, UNESCO IITE
11.00–11.20	<b>Teacher development policies and programmes</b> Mr. Doran BERNARD, UNESCO International Expert, USA
11.20–11.40	<b>Teacher education and ICTs in Azerbaijan</b> Ms. Fatma ABDULLAZADE, Head of the Department of Humanitarian Policy Issues, Executive Administration of the President of Azerbaijan Republic

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11.40–12.00	<b>The New Stage of School Informatisation and Future Teachers' Training</b> Mr. Alexander UVAROV, Computer Center of Russian Academy of Science, Advisor to Director of the Federal Institute for Education Development of the Ministry of Education and Science of the Russian Federation
12.00–12.15	<b>Teacher education and ICTs in Armenia</b> Mr. Manuk MKRTCHYAN, Deputy Minister of Education of the Republic of Armenia
12.15–12.35	<i>Coffee break</i>
12.35–12.50	<b>Teacher education and ICTs in Belarus</b> Mr. Piotr KUHARCHIK, Rector, Maxim Tank Belarusian State Pedagogical University, Republic of Belarus
12.50–13.05	<b>Teacher training system in Korea</b> Mr. Dae Joon HWANG, School of Information & Communication Engineering, Sungkyunkwan University, Republic of Korea
13.05–13.20	<b>Teacher education and ICTs in Latvia</b> Mr. Guntis VASILEVSKIS, Director of the State Education Centre, Ministry of Education of Latvia
13.20–13.35	<b>Teacher education and ICTs in Moldova</b> Mr. Yury MOKANU, Head of the Department of Information Technology and Didactics, Ministry of Education of the Republic of Moldova
13.35–13.50	<b>Teacher education in the Global Campus</b> Mr. Roumen NIKOLOV, State University of Library Studies & Information Technologies, Bulgaria
13.50–14.10	Discussion
14.10–14.15	<i>Group photo</i>
14.15–15.15	<i>Lunch</i>
<b>15.15–17.45</b>	<b>Plenary session II: Emerging Technologies and ICT Competencies of Teachers</b> <u>Chairpersons:</u> Mr. Bernard CORNU, Director for Education, CNED-EIFAD, France Mr. Dmitry BOIKOV, Vice-Rector of the Herzen State Pedagogical University of Russia
15.15–15.30	<b>Supporting teacher development of competencies in the use of learning technologies</b> Ms. Diana LAURILLARD, London Knowledge Lab, United Kingdom
15.30–15.45	<b>UNESCO ICT competency framework for teachers</b> Ms. Michelle SELINGER, Director for Education, Public Sector Internet Business Solutions Group, Cisco
15.45–16:00	<b>Microsoft-UNESCO Regional Collaboration</b> Mr. Dmitry BERSTNEV, Educators Audience Lead and Mr. Anton Shulzhenko, Education Leaders Audience Lead, Microsoft
16.00–16:15	<b>Towards global education: the need for the 21<sup>st</sup> century literacies</b> Mr. Tapio VARIS, Head of the Research Centre for Vocational and Professional Education, University of Tampere, Finland
16:15–16:30	<i>Coffee break</i>
16.30–16.45	<b>Current and prospective trends of ICT use in general education</b> Ms. Irina GOTSKAYA, Acting Head of Department of the Methods of Teaching of the Technology and Enterprise, Herzen State Pedagogical University of Russia
16.45–17.00	<b>Integrating e-Learning into Future Teachers' Education</b> Mr. Ivan KALAS, Department of Informatics Education, Comenius University, Slovakia
17.00–17.15	<b>Learning and teaching in a Digital Society with digital tools</b> Mr. Sindre ROSVIK, Education Head of pedagogic institute, Volda University College, Norway
17.15–17.45	Discussion
17.45–20:45	<b>Concert and Official Reception on behalf of UNESCO and Concert for Conference participants</b>

<b>Tuesday, November 16, 2010</b>	
08.30	<b>Departure from the hotels to three parallel sections venues</b>
<b>Parallel sessions of the International Conference</b>	
09.00–16.00	<p><b>Session 1: From Open Educational Resources to Open Educational Practices</b></p> <p>International experts will discuss the current situation in open educational resources, the issues related to development, use, distribution of open resources, as well as copyright. It is expected that the session participants will elaborate recommendations on promotion of OER, copyright and other emerging issues for the Member States, especially CIS.</p> <p><u>Venue:</u> Herzen State Pedagogical University of Russia</p> <p><u>Chairpersons:</u></p> <p>Mr. Dendev BADARCH, UNESCO Representative in Armenia, Azerbaijan, Belarus, the Republic of Moldova and the Russian Federation, Director of the UNESCO Moscow Office and Director a.i. of UNESCO IITE</p> <p>Mr. Sergei GONCHAROV, Vice-Rector of the Herzen State Pedagogical University of Russia</p>
09.00–09.20	<p><b>Open Educational Resources: main tendencies</b></p> <p>Mr. Toshio KOBAYASHI, Subcommittee for Communication of the Japanese National Commission for UNESCO, Japan</p>
09.20–09.40	<p><b>The role of Open Educational Resources in promoting learning</b></p> <p>Mr. Rory McGREAL, UNESCO Chair in OER, Athabasca University, Canada</p>
09.40–10.00	<p><b>Open Educational Resources for higher education in the Russian Federation: achievements and problems</b></p> <p>Mr. Alexei SIGALOV, State Institute of Information Technologies and Telecommunication, Russian Federation</p>
10.00–10.15	<p><b>State-of-the-art and prospects of OER and distance learning technologies in Armenia</b></p> <p>Mr. Hmayak DANIELYAN, Yerevan University of Management and Information Technologies, Republic of Armenia</p>
10.15–10.30	<p><b>Tracing OER phenomenon in Lithuania: state-of-the-art and development perspectives</b></p> <p>Ms. Airina VOLUNGEVICIENE, Distance Study Centre, Vytautas Magnus University, Lithuania</p>
10.30–11.00	<i>Coffee break</i>
11.00–11.15	<p><b>Pedagogical aspects and trends for the use of electronic educational resources in Belarus</b></p> <p>Mr. Viktor KAZACHONAK, Belarus State University, Republic of Belarus</p>
11.15–11.30	<p><b>Open Educational Resources in Ukraine: current situation, challenges and prospects for development</b></p> <p>Ms. Inna MALYUKOVA, Ukrainian Institute for Information Technologies in Education, Ukraine</p>
11.30–11.45	<p><b>Open Educational Resources in Uzbekistan</b></p> <p>Mr. Sadikjan KASIMOV, Tashkent University of Information Technologies, Republic of Uzbekistan</p>
11.45–12.00	<p><b>Open Educational Resources in Mongolia: current situation, challenges and initiatives</b></p> <p>Mr. Baatar OCHIRBAT, Mongolian University of Science and Technology, Mongolia</p>
12.00–12.15	<p><b>Content provision for information and education environment in the Republic of Kazakhstan</b></p> <p>Ms. Gul NURGALIEVA, National Centre of Informatization, Republic of Kazakhstan</p>
12.15–12.30	<p><b>IITE OER project: new dimensions</b></p> <p>Ms. Svetlana KNYAZEVA, UNESCO IITE</p>
12.30–13.30	<i>Lunch</i>
13.30–13.50	<p><b>Open Educational Platforms</b></p> <p>Mr. Abel CAINE, UNESCO</p>

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13.50–14.10	<b>OER and its impact on teaching practices</b> Meena HWANG, Director, Communications and Community Outreach, OpenCourseWare Consortium
14.10–14.30	<b>Fostering open educational practices</b> Mr. Patrick McANDREW, Open University UK, United Kingdom
14.30–14.50	<b>OER and copyright</b> Ms. Karen CROPPER, Open University UK, United Kingdom
14.50–15.10	<b>OER and copyright in Russia</b> Mr. Mikhail FEDOTOV, UNESCO Chair on Copyright and Other Intellectual Property Rights, State University – Higher School of Economics, Russian Federation
15.10–16.00	Discussion
16.00–16.30	<i>Coffee break</i>

<b>Tuesday, November 16, 2010</b>	
<b>08.15</b>	<b>Departure from the hotels to parallel sections venues</b>
<b>Parallel Sessions of the International Conference</b>	
<b>09.00–15.00</b>	<p><b>Session 2: Establishing Partnership between IITE, UNITWIN/UNESCO Chairs on ICTs in Education and UNESCO ASPnet Schools</b></p> <p>UNESCO Chairs working in the field of ICT application in education and distance learning are invited. Main objective is to establish a network of the UNESCO Chairs.</p> <p><u>Venue:</u> State University of Aerospace Instrumentation (67, Bolshaya Morskaya Street)</p> <p><u>Chairpersons:</u></p> <p>Mr. Alisher UMAROV, Programme Specialist for Education, UNESCO Moscow and IITE</p> <p>Mr. Yury SHEININ, Vice-Rector of the State University of Aerospace Instrumentation, Russian Federation</p>
09.00–09.10	<p><b>UNESCO Chair and IITE cooperation in the field of ICT in education programs development and realization</b></p> <p>Mr. Anatoly OVODENKO, Rector of the State University of Aerospace Instrumentation (SUAI) and Head of UNESCO Chair on Distance Education in Engineering, SUAI, Russian Federation</p>
09.10–09.20	<p><b>World Conference on Higher Education and UNITWIN/UNESCO Chairs on ICTs in Education</b></p> <p>Mr. Alisher UMAROV, UNESCO Moscow and IITE</p>
09.20–09.30	<p><b>Media literacy and global e-Learning</b></p> <p>Mr. Tapio VARIS, Head of the Research Centre for Vocational and Professional Education, Head of UNESCO Chair in Global E-Learning with applications to multiple domains, University of Tampere, Finland</p>
09.30–09.40	<p><b>Educational Technologies as a Tool for Empowerment and Engagement</b></p> <p>Ms. Emma KISELYOVA, UNESCO Chair in E-Learning, Open University of Catalonia, Spain</p>
09.40–09.50	<p><b>Organizational structure of distance learning system of a regional university complex</b></p> <p>Mr. Konstantin AFANASIEV, UNESCO Chair on New Information Technologies in Education and Science, Kemerovo State University, Russian Federation</p>
09.50–10.00	<p><b>Educational technologies of online and distance learning in modern university</b></p> <p>Mr. Dmitry POLYAKOV, UNESCO Chair in Training and Retraining of Specialists under Market Economy Conditions, Academy of Management «TISBI», Russian Federation</p>
10.00–10.30	Discussion
10.30–11.00	<i>Coffee break</i>
11.00–11.10	<p><b>Strategies of change towards sustainability in tertiary education supported by ICTs: from theory to praxis</b></p> <p>Mr. Vassilios MAKRAKIS, UNESCO Chair in Information and Communication Technologies (ICTs) in Education for Sustainable Development, Department of Education, University of Crete, Greece</p>
11.10–11.20	<p><b>Development of ICT skills and abilities through arts and science projects</b></p> <p>Ms. Andrea KARPATI, UNESCO Chair in Information and Communication Technologies Education, Eötvös Loránd University, Hungary</p>
11.20–11.30	<p><b>Information systems and technologies for providing quality education</b></p> <p>Mr. Yury LIGUM, UNESCO Chair in Information and Communication Technologies in Education, International Science and Technology University (ISTU), Ukraine</p>
11.30–11.40	<p><b>Latvian UNESCO ASPnet schools and UNESCO Chairs and ICTs in Education</b></p> <p>Ms. Baiba MOLNIKA, Education Programme Director, Latvian National Commission for UNESCO, Latvia</p>
11.40–11.50	<p><b>UNESCO Associated Schools and ICTs in education initiatives</b></p> <p>Ms. Tatyana POTYAEVA, National ASPnet Coordinator for the Russian Federation, Deputy Head of</p>

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	the Moscow City Department for Social Protection, Russian Federation
11.50–12.30	Discussion
12.30–13.30	<i>Lunch break</i>
13:30–13:40	<b>The role of Open Educational Resources in promoting learning</b> Mr. Rory McGREAL, UNESCO Chair in OER, Athabasca University, Canada
13.40–13.50	Mr. Jianzhong CHA, UNESCO Chair on Cooperation between Higher Engineering Education and Industries, Jiaotong University, People’s Republic of China
13.50–14.00	<b>Teacher Education for the Digital Age: International Trends</b> Mr. Evgueny KHVILON, Ms. Tatiana KHVILON, UNESCO Chair in Innovative and Information Technologies in Higher Professional Education, The All-Russia State Tax Academy, Russian Federation
14.00–14.10	<b>Exploring online learning in India</b> Mr. Sohan Vir Singh CHAUDHARY, UNESCO Chair in Teacher Education through Distance Mode, Indira Gandhi National Open University (IGNOU), School of Education, New Delhi, India
14.10–14.20	<b>Law web site for children as an innovative means of developing a legal culture of youth</b> Mr. Viktor SHARSHUN, UNESCO Chair in Information Technologies and Law, National Center of Legal Information of the Republic of Belarus
14.20–15.00	Discussion
<b>15.00–16.00</b>	<b><i>Transfer to the Herzen State Pedagogical University of Russia</i></b>

<b>Tuesday, November 16, 2010</b>	
<b>08.30</b>	<b>Departure from the hotels to parallel sections venues</b>
<b>Parallel Sessions of the International Conference</b>	
<b>09.00–15.00</b>	<p><b>Session 3: Innovative Technologies and Resources in Education: Key Trends and Prospects for Partnership</b></p> <p>This session will be focused on discussion of the use of emerging technologies in education: cloud computing, mobile learning, etc. Key experts of IT companies and leading professionals are invited. The session will provide an opportunity for establishing partnerships between IT companies and universities.</p> <p><u>Venue:</u> State University of Information Technologies, Mechanics and Optics (49, Kronverkskiy Prospect)</p> <p><u>Chairpersons:</u></p> <p>Ms. Diana LAURILLARD, London Knowledge Lab, United Kingdom</p> <p>Mr. Andrey RYBIN, Vice-Rector of the State University of Information Technologies, Mechanics and Optics, Russian Federation</p>
09.00–09.20	<p><b>Best practice of ICT in education with special focus on Korean case</b></p> <p>Mr. Dae Joon HWANG, School of Information &amp; Communication Engineering, Sungkyunkwan University, Republic of Korea</p>
09.20–09.40	<p><b>Research methodologies on integrating ICT into modern education</b></p> <p>Mr. Ivan KALAS, Comenius University, Slovakia</p>
09.40–10.00	<p><b>Information educational environment as a basis for innovative media technologies in education</b></p> <p>Mr. Vladimir VASILYEV, Rector of the State University of Information Technologies, Mechanics and Optics, Russia</p>
10.00–10.20	<p><b>Digital television potential in education: interactive educational television network ALLIPE.TV on the basis of ITU-D pilot project through the interactive multimedia broadcasting in the Kyrgyz Republic</b></p> <p>Mr. Orozobek KAIYKOV, Head of the area office of the International Telecommunication Union for the CIS countries, and Mr. Almazbek ABEKOV, Director of DIMTV Ltd, Kyrgyz Republic</p>
10.20–10.30	<p><b>Development of Knowledge Society key competencies as a platform for long term cooperation between IITE and IT industry</b></p> <p>Mr. Alexander KHOROSHILOV, UNESCO IITE</p>
10.30–10.50	<i>Coffee break</i>
10.50–11.05	<p><b>Learning through collaboration and ICT</b></p> <p>Ms. Michelle SELINGER, Director for Education, Public Sector Internet Business Solutions Group, Cisco, and Mr. Alexander TURILIN, Cisco Networking Academies Coordinator, Cisco</p>
11.05–11.20	<p><b>IBM initiatives in Education</b></p> <p>Mr. Aleksander SOROKIN, Manager for cooperation with universities, IBM</p>
11.20–11.35	<p><b>Intel international educational programmes in Russia, Ukraine and CIS</b></p> <p>Ms. Tatyana NANAIEVA, Corporate Affairs Manager, Intel RCIS</p>
11.35–11.50	<p><b>Microsoft initiatives in Education system: perspectives for adaptation of UNESCO CFT in Russia</b></p> <p>Mr. Alexey TRUBINOV, Head of Sector of Regional Development in Education, Microsoft</p>
11.50–12.05	<p><b>International Institute of Technologies and other HP programmes in the field of social innovations</b></p> <p>Mr. Igor BELOUSOV, Leading manager for Education, Research &amp; Government Relations Central and Eastern Europe, CIS, Russia, Hewlett-Packard</p>
12.05–12.20	<p><b>ORACLE academic initiatives – new horizons</b></p> <p>Mr. Yury GORVITS, Business Development Manager, Education &amp; Research, Oracle Russia and CIS</p>



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12.20–13.20	<i>Lunch</i>
13.20–13.30	<b>Educational initiatives by Kaspersky Academy, complex approach</b> Ms. Irina SELEZNEVA, Coordinator of educational programs and Ms. Svetlana EFIMOVA, Head of educational programs, Kaspersky Laboratory, Russian Federation
13.30–13.40	<b>Using e-Learning technologies effectively</b> Mr. Dmitry IZMESTIEV, Director, Academy of Networking LANIT, Russian Federation
13.40–13.50	<b>Basic ICT-competency. e-Learning and e-Testing. BitMedia experience</b> Mr. Vladimir BARANYUK, BitMedia, Russian Federation
13.50–14.00	<b>Certification of computer literacy and ICT competence in education</b> Mr. Alexey SKURATOV, Deputy Director, Informika, Russian Federation
14.00–14.10	<b>E-Learning portal for school teachers: partnership opportunities</b> Mr. Igor MOROZOV, Rector, IT Academy, Russian Federation
14.10–14.20	<b>Information web portal of educational institution as convenient IT service, actual for all groups of users – from the university entrant to the rector</b> Mr. Denis BUSHKOVSKY, Deputy General Director, Galaktika-IT, Russian Federation
14.20–14.30	<b>Multivendor and academic ICT Consortium: the experience in multi-stakeholder partnership</b> Mr. Sergey KORSHUNOV, Chief Executive of MAC ICT, Vice-Rector for Educational and Methodical Work, Bauman Moscow State Technical University and Mr. Andrey PHILIPPOVICH, Chief Executive Deputy of MAC ICT, Chief of Laboratory of Technical Education in Russia of Bauman Moscow State Technical University, Russian Federation
14.30–15.15	Discussion
<b>15.15–16.00</b>	<b>Transfer to the Herzen State Pedagogical University of Russia</b>
16.00–16.30	<i>Coffee break</i>

<b>16.30–17.30</b>	<p><b>Closing Ceremony</b></p> <p><u>Venue:</u> Herzen State Pedagogical University of Russia</p> <p><u>Chairperson:</u></p> <p>Mr. Bernard CORNU, Director for Education, National Centre for Distance Education (CNED-EIFAD), France</p> <p><b>Adoption of the Conference Final Document</b></p>
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**Special event:**

During the Conference, a round table will be organized for leading pedagogical and IT universities to discuss prospects for cooperation in development and implementation of the International Advanced Training Programme/ International Master Degree programme “ICT in Teacher Education”.

**Wednesday, 17 November, 2010**

Departure