

## CTE 2013: 2nd Workshop on Cloud Technologies in Education

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**Abstract.** The International Workshop will take place on December, 20, 2013 in Ukraine. It was an excellent occasion for specialists of different fields, e.g. IT specialists for e-learning design, e-learning tutors, teachers and lecturers, technologists, psychologists, educational managers and researchers to make a jump into new paradigm of Science and Education in High Tech Age.

**Keywords:** Blended learning; Cloud-based e-learning platforms, tools and services; Cloud-based learning environments; Cloud-based and mobile learning technologies for teacher and VET; Seamless learning and holistic education modelling and design; Massive open online courses; Open learning systems and virtual conferences for training professionals.

2nd International Workshop on Cloud Technologies in Education took place on 20 December, 2013 in Ukraine (Kyiv – Kryvyi Rih – Cherkasy – Kharkiv – Luhansk – Kherson) and United States (Cheney) using WiZiQ ([http://www.wiziq.com/online-class/1544635-cte2013\\_1](http://www.wiziq.com/online-class/1544635-cte2013_1), [http://www.wiziq.com/online-class/1544635-cte2013\\_2](http://www.wiziq.com/online-class/1544635-cte2013_2)).

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### Conference Timeline and Information

<b>Conference</b>	
First day of conference	December 20, 2013
Last day of conference	December 20, 2013
<b>Website</b>	
Go Live (as a Current Conference)	November 29, 2013
Move to Conference Archive	May 29, 2014
<b>Submissions</b>	
Author registration opened	November 1, 2013
Author registration closed	December 19, 2013
Call for Papers posted	November 1, 2013
Submissions accepted	November 1, 2013
Submissions closed	December 19, 2013
<b>Reviews</b>	
Reviewer registration opened	November 1, 2013
Reviewer registration closed	December 31, 2013
<b>Website Posting</b>	
Accepted abstracts	December 18, 2013
Accepted papers	December 18, 2013
Close comments	December 31, 2013

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### Scientific Conferences

#### Cloud Technologies in Education

The International Workshop will take place annually on December in Ukraine. It is an excellent occasion for specialists of different fields, e.g. IT specialists for e-learning design, e-learning tutors, teachers and lecturers, technologists, psychologists, educational managers and researchers to make a jump into new paradigm of Science and Education in High Tech Age.

The Workshop occupies contributions in all aspects of *educational technologies and cloud-based learning tools, platforms, paradigms and models*, functioning programmes or papers relevant to modern engineering and technological decisions in the IT age. There is urgent general need for principled changes in education elicited by current e-learning tools, services and IT communication. Let's to come, show your best practice, and envisage your future actions at the front line of high-tech education.

**The Workshop languages** are *English, Ukrainian, and Russian*.

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Workshop organizers are Institute of Information Technologies and Learning Tools of the NAPS of Ukraine, Kryvyi Rih National University, Cherkasy State Technological University, National Technical University “Kharkiv Polytechnic Institute”, Taras Shevchenko National University of Luhansk, Kherson State University, and Eastern Washington University.



Programme Committee Chair

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## Cloud Technologies in Education

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### Cloud Technologies in Education'2013

December 20, 2013 – December 20, 2013

Institute of Information Technologies and Learning Tools of the NAPS of Ukraine

Kyryvi Rih National University

Cherkasy State Technological University

National Technical University "Kharkiv Polytechnic Institute"

Taras Shevchenko National University of Luhansk

Kherson State University

Eastern Washington University

#### **The International Workshop**

#### **Cloud Technologies in Education (CTE2013)**

20 December, 2013

Kyiv – Kryvyi Rih – Cherkasy – Kharkiv – Luhansk – Kherson – Washington

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– Taras Shevchenko National University of Luhansk, Luhansk, Ukraine:

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*Lyubov Panchenko*, D. Sc., Prof.

*Nikolay Semenov*, Ph. D.

*Natalie Tsodikova*, Ph. D.

– Kherson State University, Kherson, Ukraine:

*Gennadiy Kravtsov*, Ph. D., Prof.

*Aleksander Spivakovsky*, D. Sc., Prof.

– Eastern Washington University, Cheney, USA:

*Garry Pratt*, Dr.

The 2<sup>nd</sup> volume of CTE Workshop Proceedings occupies contributions in all aspects of educational technologies and cloud-based learning tools, platforms, paradigms and models, functioning programmes or papers relevant to modern engineering and technological decisions in the IT age.

Selected papers from CTE2013, after further revisions, will be published in the special issue of the electronic journal *Information Technologies and Learning Tools* (<http://journal.iitta.gov.ua/Index.php/Itit/Index>).

*Publication costs* will be determined by Editorial Boards.

#### **Important dates**

*Submission Deadline:* December 13, 2013

*Notification Due:* December 16, 2013

*Workshop in Ukraine:* December 20, 2013

*Final Manuscript Due:* December 31, 2013

*Publication Date:* Determined by Editorial Boards (approx. Feb., 2014)

#### **Contact persons**

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This volume is collection of the best papers selected by the CTE 2013 Steering Committee in the CTE topic of interest:

### **Track 1: Cloud-based learning environment**

*M. P. Shyshkina.*

The cloud-based learning environment of educational institutions: the current developments

*T. A. Vakaliuk.*

Domestic experience designing cloud-based learning environment for educational institutions

*V. P. Oleksyuk.*

Cloud technologies in the process of higher educational institution IT infrastructure projecting

*A. M. Striuk, M. V. Rassovytska.*

Development cloud-based learning environment for subdivision of university based ownCloud

*I. V. Plish.*

Cloud services as contemporary tool of educational institution management

*Yu. V. Gritsuk, O. V. Gritsuk.*

Online surveys as an element feedback in building cloud educational environment

*E. F. Matveeva, R. Unland, M. Gröger, D. Brandt, T. Brinda, V. S. Mkrttchian.*

Analysis, specification and verification requirements for control systems cloud training platforms

*N. I. Shiyanyan, R. Unland, M. Gröger, D. Brandt, T. Brinda, V. S. Mkrttchian.*

Really modern issues for masters from World German Cloud University

*O. P. Suk.*

Acquiring and development of teachers' e-competences in the system of qualification improvement

*V. I. Bobrytska, S. M. Protska.*

The computer-oriented educational environment of higher educational establishment as an instrument of forming the professional competences for future teachers

*N. V. Zhytyenyova.*

Visualization of educational information with the use services of cloud technology

*A. I. Smirnova.*

Ways to improve the effectiveness of teacher

*O. Ye. Ishutina.*

E-portfolio by means of Google Apps in the monitoring of linhvomethodological competence of students' philologists

## **Track 2: Cloud technologies of open education**

*O. V. Adamenko.*

«Mass opened» and «traditional» distance courses comparative description through the prism of experience of participant

*L. F. Panchenko.*

The study of Coursera's data analysis courses

*V. E. Velichko.*

Cloud technology as a means of transition to free software

*V. N. Kukhareenko.*

Basic cloud technology for content curator

*Ye. S. Markova.*

Using social networks to organize students' independent work

## **Track 3: Cloud technologies of mobile learning**

*Yu. V. Echkalo.*

Elements of a mobile learning environment

*T. I. Chernichkina.*

Using the Google Drive as a cloud service in a mobile learning

*O. O. Gnedkova.*

Methodical aspects of usage of blended learning in studying the course «Methodology and Distance Learning Technologies» in institute of higher education

## **Track 4: Cloud-based learning management systems**

*G. L. Pratt, D. E. Dean.*

It takes a «village» to select a learning management system – or – How you can benefit from a collaborative statewide LMS selection process

*V. H. Hrytsenko, L. I. Hladka.*

Overview of knowledge monitoring online systems

*V. V. Tkachuk, J. A. Koolinich.*

Analyze of popular distance learning systems with open access

*E. Yu. Zhelezniakova, I. V. Zmiyivs'ka.*

Organization of independent work of students in the Moodle system

*V. V. Gluschenko.*

Using learning management system for future skilled workers training in vocational schools

*E. A. Kosova.*

Distance course "Information systems and technology" for speciality "Tourism"

*A. O. Tomilina, M. V. Maloivan.*

The structure of English educational e-course within Moodle

*E. O. Modlo, S. O. Semerikov.*

Development of SageMath filter for Moodle

**Track 5: Cloud technologies for informatics learning**

*O. M. Markova.*

Cloud learning technology: an attempt to define

*O. M. Yatsko.*

Cloud technologies in teaching computer science of future economists

*N. A. Kharadzjan.*

Formation of cloud-based learning environment for professional training  
in programming

*N. A. Antipova, O. I. Kulagin.*

Cloud resources on theory and methods of fuzzy sets and fuzzy logic

*M. P. Yemets, D. S. Kobzar.*

1C as a platform for cloud computing at the enterprise and universities

**Track 6: Cloud technologies for mathematics learning**

*N. V. Rashevskya.*

Development of cloud technologies in learning mathematical disciplines  
as a scientific problem

*N. M. Kiianovska.*

The development of theory and methods of using cloud-based information  
and communication technologies in teaching mathematics of engineering  
students in the United States

*V. M. Mykhalevych, M. V. Chukhno.*

Operational exchange electronic educational resources by cloudy  
technology

*M. V. Popel.*

The cloud technologies for mathematics teachers training

*S. V. Bas, K. I. Slovak.*

Ways of processing requests and characteristics of mobile access to  
Wolfram|Alpha

**Track 7: Cloud technologies for physics learning**

*M. A. Sorokopud.*

Cloud physics teaching aids

*O. V. Merzlykin.*

Electronic grade book as tool for monitoring the level of students' physics  
research competencies

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based on the following principle: free open access to research results enhances  
global knowledge sharing.

The international editorial board appreciates the contribution of each  
author. We sincerely thank our readers for their interest in CTE 2013, our  
reviewers for their competence, delicacy and goodwill.

We sincerely wish our partners and readers good health, success and confidence that the global twilight will surely disappear soon and the time for sunny days will come!

### References

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