### III Міжнародний науково-практичний семінар

## ОЦИФРОВАНЕ НАДБАННЯ: ЗБЕРЕЖЕННЯ, ДОСТУП, РЕПРЕЗЕНТАЦІЯ

Тема заходу

## ТИПОЛОГІЯ, ЯКІСТЬ, ПРАВА ТА ЛІЦЕНЗІЇ ОЦИФРОВАНОГО РЕСУРСУ

26-27 листопада 2015 року м. Київ, Україна

#### **III International Scientific and Practical Seminar**

# DIGITIZED HERITAGE: PRESERVATION, ACCESS, REPRESENTATION

Subject:

TYPES, QUALITY, RIGHTS and LICENSE of DIGITIZED RESOURCE

November 26-27, 2015 Kyiv, Ukraine



The objective of these events DIGITIZED HERITAGE: PRESERVATION, ACCESS, REPRESENTATION is to familiarize professionals with advanced international practices and technologies of digitizing, development and integration of digital collections, access and use methods.

**The format:** lectures, presentations, trainings, workshops, professional meetings: discussions to find appropriate technological solutions.

Moderators and spokespersons are the **highly experienced experts** on digitizing and related areas of information and communication technologies.

**Participants are welcome:** the experts and the heads of archives, museums, libraries, publishers, the owners of private collections, the scientists and everyone wishing to acquire knowledge and skills in the field of digitizing technologies.

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### III INTERNATIONAL SCIENTIFIC AND PRACTICAL SEMINAR

## **DIGITIZED HERITAGE:**

### PRESERVATION, ACCESS, REPRESENTATION

Subject:

### TYPES, QUALITY, RIGHTS and LICENSE of DIGITIZED RESOURCE

November 26-27, 2015

### Co organizers:



State polytechnic museum at the NTUU "KPI"



Denisenko H.I. Scientific technical library of the NTUU "KPI"



The Ukrainian centre of Museum Affairs development



Specialized centre "BALI"

### With support of:



The National Technical University of Ukraine "Kyiv Polytechnic Institute"



Archival information system



Union of Ukrainian archivists





26 <sup>th</sup> Novembe	Digitization: development stage, experts training (first session)			
10.00 – 10.30	Milena Dobreva Skype-speech			
	Professions of the future for servicing of the memory of the past: issues of higher education and professional training			
10.30 – 11.15	Anna Sobczak Digitisation in Germany - Part 1 Introduction			
11.15 – 11.30	Coffee break			
11.30 – 12.15	Anna Sobczak			
	Digitisation in Germany - Part 2: Technical Issues			
12.15 – 12.45	<b>Vjacheslav Podorozhny,</b> co-authors: Kryvulkin I.M., Yegorov P.N., Yakovchenko A.I.			
	The present problems of the long-term preservation of coloured and gray scale images			
12.45-13.00	Questions to the speakers			
13.00 – 14.00	Lunch			
Digitisation technologies and content forming				
14.00 – 15.00	Andrea de Polo Skype-speech			
	Capture and printing solutions for the cultural heritage sector			
15.00 – 15.30	Kyrylo Vyslobokov			
	Archival Information Systems: mass-digitization, in formatization and organizing of access in archival and library field			
15.30 – 15.45	Coffee break			
15.45 – 16.15	Kyrylo Vyslobokov Masterclass			
	Scanning of the different kind of originals: archival records (binded and scattered files), books and newspapers with Zeutschel 12000 Book Scanner			
16.15–16.30	Anna Khrobolova Presentation			
	Heritage Institutions on Wikimedia Projects: Success Stories			

16.30–16.45	Illya Korniyko Master class			
	Downloading Image of Heritage Objection Wikimedia Commons			
3D, multimedia, virtual and augmented reality(first session)				
16.45–17.00	Sergii Stirenko			
	Platform for innovative services realization of educational programs and ifelong learning (LLL): integration of flexible teaching methods, the latesthardwarea the latest hardware and software ndsoftware, digital 3D-objects and multimedia content and elements of augmented reality			
17.00–17.15	Masterclass			
	<b>SergiiStirenko.</b> Co-authors: Yur iGordienko, Bas Andriy, Nikita Gordienko, Repin Mykyta			
	Using artifacts 3D-visualizing technology, geopisitioning markers and elements of augmented reality for creation of multimedia expositions and realization of innovative services for educational, entertaining and other events.			
17.15–17.30	Discussion of digitizing issues			
17.30–18.00	Excursion			
	Data Centre Organization: the excursion to server zone of Supercomputer Computations Centre of NTTU "KPI"			
	Performed by: Sergii Stirenko, Yuri Gordienko,			

## 18.00 – 20.00 **Friendly dinner**

			tisation: development stage, erts training(second session)		
10.00 - 11.0	Nadezhda Brakker			Skype-le	ecture
	Digital preservation – experience	education	and	training:	world
Rights and licenses of a digitized resource					
11.00 – 11.45	Andrea de Polo			Skype-sp	peech
	Content distribution and Eas tEurope and Ukraine	licensing: n	new	opportuniti	ies for
11.45 – 12.00	Coffee break				

12.00 – 12.30	Oleksii Vasyliev			
	Digitizing Processes: Aspects of intellectual property rightsin Ukraine			
Digitizing objects types, content qualities requirements				
12.30 – 12.40	Olga Barkova			
	Types and quality of digitized content. Requirements to digital copies of rare and valuable documents			
12.40 – 13.00	Iryna Ostapova,co-author: Iryna Bilyatynska			
	"Digitization of dictionary": scanning, recognition, conversion to lexicographical database			
13.00 – 14.00	Lunch			
3D, multimedia, virtual and augmented reality(second session)				
14.00 – 14.20	Vasy lRozhko Virtual_Tustan / 3D: Memo's research, presentation and management			
14.20 – 14.40	Fedor Boytsov			
	Contemporary architectural restoration methods and virtualreality in cultural heritage preservation processes.			
Professional dialog: "Creating of integrated resource" and "Digital eurointegration"				
14.40 – 15.00	Vladislav Pioro			
	The national standard of museum collections metadata exchange: which will it be like?			
15.00 – 15.10	Olga Barkova  The experience and perspective of applying LIDO on processes of resources integration in the national heritage sector			
15.10 – 15.30	Yevgen Dmytruk, Liudmyla Dmytruk			
	Web-atlas of Ukrainian folkart "KROVETS": digitizing private collections			
15.30 – 15.45	Olga Barkova			
	Dc-Visu – the solution for digital content integration and			

	representation	
15.45 – 16.00	Nataliia Varaksina	
	Electronic library as a solution as a means for access to national heritage of Ukraine: the experience of the State Science Pedagogic Library after V.O. Suchomlinsky	
16.00 – 16.20	Anatoly Khromov.	
	The project "Odessa home archive" – distant access to documents and archives of electronic services monetization	
	Round table	
16.20–16.30	Discussion of digitizing issues	
16.30 – 17.00 Workshop finish		
	Certificates delivery ceremony. Group photo	

ОЦИФРОВУВАННЯ АРХІВНИХ ТА БІБЛІОТЕЧНИХ КОЛЕКЦІЙ

## АРХІВНІ ІНФОРМАЦІЙНІ СИСТЕМИ





## Control system of electronic collection «DigitizedContentVisualizer» (DC-Visu)

**Information system DC-Visu** – An instrument of new breed, visual system of digitized content, control of electronic collection and formation of integrated multilingual multimedia information resources.

**Field of application** – electronic library, museum, archive collections, collections of digitized heritage, publishing content.

#### **Destination:**

- integration into a single system of digital content, given in various media formats, its functioning according to the standards, practices and trends in digital, information and communication technologies, information and software services in the web environment.
- multiformat and multifunctional presentation and usage of digitized documents and digital collections in the online mode, providing of various information services of digital content to different categories of users.

### **System solutions:**

- modular principle of system design allows to use both the system as a whole and its individual modules for various tasks;
- Internet access by HTTP address provides control and use of resources through the Internet browser;
- system integration provides the software and technological interaction with other information and search engines, use of embedded functional solutions of other developers;
- resource integration internal system integration of their own collections and external resources is provided, as well as integration to the national and global information systems in accordance with the current standards;
- independent identification of resources each digital object, collection and also collection as a whole are formed and function as independent network information resources:
- Support for multilingual interfaces and resources;



http://demo.dcvisu.com/documents/view/12/39 ikt@scbali.com

- use of both standard and unique functional solutions concerning control of resources usage, consistent increase and expanding of functionality and services;
- multimedia and all-format resources support of all types of digital objects and topical file formats for their presentation;
- support for full-text and semantic search, graphic resource navigation (marking of the searched terminology on pictures).

### **Categories of digital content:**

### Media types of digital objects: Types of digitized objects:

- texts;

- pictures;

- 3D;

- audio;

- video;

- virtual reality;

- books and stitched documents;

- paper and photo documents;

- archival and other affairs;

- audio and video resources;

- 3D objects and reconstructions;

- art objects;

- multimedia resources.

### **Information services**

### on usage of Information system DC-Visu and additional services:

- Operating license for DC-Visu of a particular configuration;
- Pre-installation of software according to DC-Visu system requirements;
- Annual maintenance of DC-Visu (development and updating of functional taking into account consumer requests);
- Adaptation of interface to design of consumer website.

### **Outsourcing servise:**

- Hosting of server spaces;
- Hosting of resources in DC-Visu;
- Creating and maintanence of collections in DC-Visu;
- Formation of digital copies of documents in DC-Visu;
- Converting of digital content in DC-Visu.

#### **Content formation services:**

- Image processing and scanning;
- Text recognition and verification;
- Description converting in communicative format;
- Studing, consultation.

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## DIGITIZED HERITAGE: PRESERVATION, ACCESS, REPRESENTATION INFORMATIONAL AND TRAINING EVENTS

### **Coorganizers and Partners**





























### Fined the information about the events:





















