DIGITAL PRESENTATION AND PRESERVATION OF CULTURAL AND SCIENTIFIC HERITAGE
INTERNATIONAL CONFERENCE ● 26–28 SEPTEMBER 2016 ● VELIKO TARNOVO, BULGARIA

DIPP 2016

DiPP2016 Programme

DiPP2016 Conference Places: *Museum of the Bulgarian Revival and Constituent Assembly* (Opening and Closing ceremonies) and *Regional Public Library "Petko Rachev Slaveykov", Veliko Tarnovo* (conference and workshops sessions)

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25.09.2016 – Arrival

18:00-19:00 – Registration *(Hotel "Bolyari", Veliko Tarnovo)*
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26.09.2016
09:00-10:00 – Registration *(Hotel "Bolyari", Veliko Tarnovo)*

11:00-11:30 – Official DiPP2016 Press conference *(Regional Press Club BTA – Veliko Tarnovo)*

12:00-13:00 Registration *(Museum of the Bulgarian Revival and Constituent Assembly)*

13:00-14:00 Opening ceremony *(Museum of the Bulgarian Revival and Constituent Assembly - 3rd floor)*

14:00-15:20 Invited Talks Session
Panos Constantopoulos **–** Leveraging Digital Cultural Memories
Gita Senka **–** Experiment with Digital Technology in Arts and Culture, the Case of Latvia

15:20-15:40 Coffee Break

15:40-17:00 Conference Session
Júlia Nagy, Zsolt László Márkus, Gábor Kaposi, György Szántó, Tibor Szkaliczki, Norbert Vass **–** New Tourist Service Based on Virtual Reality Glasses in the Town of Miskolc, Hungary
Nikolay Noev, Galina Bogdanova, Todor Todorov – Towards Better Presenting and Searching of Bells Knowledge
Zsolt László Márkus, Gábor Kaposi, Miklós Veres, Tibor Szkaliczki, Detelin Luchev, Desislava Paneva-Marinova **–** BOOK@HAND Bells: Mobile Presentation of the Valuable Bells of the Historic and Culture Heritage of Bulgaria
Elena G. Shatko, Galina Bogdanova, Todor Todorov **–** *Digital Archive of Cultural-Historic Heritage of Belarus: Certification of Bells Cast During 16th-19th Centuries*

17:00-17:20 Coffee Break

17:20-18:40 Conference Session
Rodica-Mariana Ion, Sofia Teodorescu, Ioan Alin Bucurică, Mihaela-Lucia Ion, Daniela Turcanu-Caruţiu **–** Restoration and Preservation of Cultural Heritage Monuments. Digital Presentation and Practical Solutions
Radovesta Stewart, Maria Zheleva-Monova, Yanislav Zhelev, Radoslav Pavlov **–** Digitalizing the Proceedings of the Bulgarian Museums, or How to Rescue from Oblivion Priceless Studies on the Cultural Heritage
Galina Bogdanova, Todor Todorov, Nikolay Noev **–** Using Graph Databases to Represent Knowledge Base in the Field of Cultural Heritage

Feng Zhao, Soo Choon Loy – Exploring a Relic's History Through 3D Digitization

20:00 Official DiPP2016 Social Event, *Audio-visual show "Sound and Light"*

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<u>**27.09.2016**</u>

09:00-09:40 Conference Session
Kamen Angelov – Main Architectures Used in ETL as a Tool, Necessary for the Integration of Data in Large Volumes - a Task in the Field of Digital Preservation of Cultural Heritage
Boris Shishkov – Digitization of Cultural Heritage – a Service-Oriented Approach

09:40-10:00 Coffee Break

10:00-12:20 Workshop *Open Access to Scientific Publications and Data*
Invited Talks
  Natalia Manola – e-Infrastructures: The starting blocks for Open Science and Innovation. The Open-AIRE case
  Jiří Rákosník, Peter Stanchev, Radoslav Pavlov – European Digital Mathematics Library EuDML. Current State and Future Plans

Peter Stanchev, Zlatina Karova, Yanita Zherkova, Radoslav Pavlov, George Simeonov, Bhanu Neupane – The Seventh National Information Day: Open Access to Scientific Information and Data
Discussion

12:20-14:00 Free time

14:00-15:20 Conference Session
Maria M. Nisheva, Pavel I. Pavlov, Peter L. Stanchev – Semantic Search in Heterogeneous Digital Repositories: Case Studies
Katrina Koleva, Kalina Sotirova, Elena Naidenova – Digitization of Documentation at the Scientific Archive of the National Institute of Archeology with Museum
Vladimir Georgiev, Lyubomir Milkov, Yavor Angelov, Stanimir Dimitrov – Online 3D Knowledge Management System for Human Anatomy
Alexander Herschung – Long Term Preservation of Websites

15:20-15:40 Demonstration
startext GmbH, Bonn, Germany – PABLO software

15:40-16:00 Coffee Break

16:00-18:20 Conference Session
Ivan Derzhanski, Olena Siruk – Affinal Kinship Terminology in the Corpus of Bulgarian and Ukrainian Parallel Texts
Stefka Kovacheva – Presentation of UNESCO Bulgarian Cultural Heritage Sites as Knowledge System in a Learning Environment
Stefka Kovacheva, Ludmila Dimitrova, Kalin Pezhgorski – E-learning environment UNESCO Bulgarian Architectural Heritage Sites
Ralitsa Dutsova – Digital Presentation of Bulgarian Language Heritage - Tools and Web-applications
Mihaela Krasteva – The Impact of Technology on the Modern Art

Maxim Goynov, Konstantin Rangochev, Desislava Paneva-Marinova, Vladimir Sapunjiev – Tracking Interoperability Service in Digital Libraries for Orthodox Art and Knowledge

Magdelena Stoyanova, Detelin Luchev, Dessislava Paneva-Marinova – Optimization of Natural Dyes' Non-contact Characterization and Interdisciplinary Application Using Ensemble Classifiers and Genetic Algorithms

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28.09.2016

09:00-09:40 Invited Talks Session
K. Stefanov, B. Bontchev, P. Boytchev, A. Georgiev, A. Grigorov – Reusing Components from Cultural Heritage Games – the RAGE Project Approach

09:40-11:00 Workshop *Digital cultural heritage "North +": documenting, preserving and providing public access to the cultural heritage in libraries, museums, archives and galleries in North and Central Bulgaria*
Mirko Robov – Creating a Digital Model of the Damages of the Earthquake of Metropolitan Tarnovo /13th century/
Pavel Hristov, Emilian Petkov – Development of Web-Based Information System for Visualization of Three-dimensional Models of Museum Exhibits
Tsvetanka Trifonova, Kaloyan Zdravkov – Digital library of scientific forums organized by the Faculty of Mathematics and Informatics of the University "St. Cyril and St. Methodius"- Veliko Tarnovo
Iliya Valev – Digital Archive of Soldiers' Legacy of the Socialist Period

11:00-11:20 Coffee Break

11:20-12:40 Workshop *Digital cultural heritage "North +": documenting, preserving and providing public access to the cultural heritage in libraries, museums, archives and galleries in North and Central Bulgaria*
Boyan Bontchev, Desislava Paneva-Marinova, Lubomil Draganov – An Educational 3D Maze Game for Bulgarian Orthodox Iconography
Stanislava Slavova-Petkova, Maria Dimova, Detelin Luchev – Learning Scenario for Better Understanding of Fairy Tales Using Role-playing and Serious Games Methods
Valeri Katzounov – Endangered Photo Collections about the Participation of Preindustrial Bulgaria in Three Wars in the Beginning of the 20th Century
Philip Mihaylov – A Digitalization of the Museum Funds – a Possible Software for Scientific Passports

12:40-13:00 Closing Ceremony (*Museum of the Bulgarian Revival and Constituent Assembly - 3rd floor*)

DiPP2016 Programme

	26.09.2016	27.09.2016	28.09.2016
09:00-09:20	**Registration** Hotel "Bolyari", Veliko Tarnovo	*Kamen Angelov* – Main Architectures Used in ETL as a Tool, Necessary for the Integration of Data in Large Volumes - a Task in the Field of Digital Preservation of Cultural Heritage	***Invited Talk*** *K. Stefanov, B. Bontchev, P. Boytchev, A. Georgiev, A. Grigorov* – Reusing Components from Cultural Heritage Games – the RAGE Project Approach
09:20-09:40		*Boris Shishkov* – Digitization of Cultural Heritage – a Service-Oriented Approach	
09:40-10:00		**Coffee break**	**Workshop** **NORD +** *Mirko Robov* – Creating a Digital Model of the Damages of the Earthquake of Metropolitan Tarnovo /13th century/ *Pavel Hristov, Emilian Petkov* – Development of Web-Based Information System for Visualization of Three-dimensional Models of Museum Exhibits *Tsvetanka Trifonova, Kaloyan Zdravkov* – Digital library of scientific forums organized by the Faculty of Mathematics and Informatics of the University "St. Cyril and St. Methodius "- Veliko Tarnovo *Iliya Valev* – Digital Archive of Soldiers' Legacy of the Socialist Period
10:00-10:20		**Workshop** **Open Access to Scientific Publications and Data** ***Invited Talk*** *Natalia Manola* – e-Infrastructures: The starting blocks for Open Science and Innovation. The OpenAIRE case ***Invited Talk*** *Jiří Rákosník, Peter Stanchev, Radoslav Pavlov* – European Digital Mathematics Library EuDML. Current State and Future Plans *Peter Stanchev, Zlatina Karova, Yanita Zherkova, Radoslav Pavlov, George Simeonov, Bhanu Neupane* – The Seventh National Information Day: Open Access to Scientific Information and Data ***Discussion***	
10:20-10:40			
10:40-11:00			
11:00-11:20	**Official DiPP2016 Press Conference** Press Club BTA - Veliko Tarnovo		**Coffee break**
11:20-11:40			*Boyan Bontchev, Desislava Paneva-Marinova, Lubomil Draganov* – An Educational 3D Maze Game for Bulgarian Orthodox Iconography *Stanislava Slavova-Petkova, Maria Dimova, Detelin Luchev* – Learning Scenario for Better Understanding of Fairy Tales Using Role-playing and Serious Games Methods *Valeri Katzounov* – Endangered Photo Collections about the Participation of Preindustrial Bulgaria in Three Wars in the Beginning of the 20th Century *Philip Mihaylov* – A Digitalization of the Museum Funds – a Possible Software for Scientific Passports
11:40-12:00			
12:00-12:20	**Registration** Museum of the Bulgarian Revival and Constituent Assembly - Veliko Tarnovo		
12:20-12:40			
12:40-13:00		**Free time**	**Closing ceremony**
13:00-14:00	**Opening ceremony**		
14:00-14:20	***Invited Talks Session*** *Panos Constantopoulos* – Leveraging Digital Cultural Memories	*Maria M. Nisheva, Pavel I. Pavlov, Peter L. Stanchev* – Semantic Search in Heterogeneous Digital Repositories: Case Studies	
14:20-14:40		*Katrina Koleva, Kalina Sotirova, Elena Naidenova* – Digitization of Documentation at the Scientific Archive of the National Institute of Archeology with Museum	
14:40-15:00	***Invited Talks Session*** *Gita Senka* – Experiment with Digital Technology in Arts and Culture, the Case of Latvia	*Vladimir Georgiev, Lyubomir Milkov, Yavor Angelov, Stanimir Dimitrov* – Online 3D Knowledge Management System for Human Anatomy	
15:00-15:20		*Alexander Herschung* – Long Term Preservation of Websites	
15:20-15:40	**Coffee break**	**Demonstration** ***startext GmbH, Bonn, Germany***	
15:40-16:00	*Júlia Nagy, Zsolt László Márkus, Gábor Kaposi, György Szántó, Tibor Szkaliczki, Norbert Vass* – New Tourist Service Based on Virtual Reality Glasses in the Town of Miskolc, Hungary	**Coffee break**	
16:00-16:20	*Nikolay Noev, Galina Bogdanova, Todor Todorov* – Towards Better Presenting and Searching of Bells Knowledge	*Ivan Derzhanski, Olena Siruk* – Affinal Kinship Terminology in the Corpus of Bulgarian and Ukrainian Parallel Texts	
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18:00-18:20	*Galina Bogdanova, Todor Todorov, Nikolay Noev* – Using Graph Databases to Represent Knowledge Base in the Field of Cultural Heritage	*Magdelena Stoyanova, Detelin Luchev, Dessislava Paneva-Marinova* – Optimization of Natural Dyes' Non-contact Characterization and Interdisciplinary Application Using Ensemble Classifiers and Genetic Algorithms	
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18:40-20:00	**Free time**		
20:00	**Official DiPP2016 Social Event,** **Audio-visual show "Sound and Light"**		

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Regional Public Library "Petko Rachev Slaveykov", Veliko Tarnovo (Conference and Workshops sessions)