**ITMO University & The State Russian Museum
June 23th and June 24th 2016 from 10 a.m. to 18 p.m.
St. Petersburg, Inzhenernaya str., 8**

**DAY I
June 23, 2016**

9-45 – 10-15   Registration process

**10-15 – 10-30 Opening Session**

Organizing Committee Members Welcome

**10-30 – 11-45 Digital Resources of Museums and Museum Communications**

Chairmen: Elena Gaevskaya (Saint Petersburg State University)

 Jürgen Sieck (Research Group INKA HTW Berlin & NUST Windhoek, Berlin)

Elena Gaevskaya, Olga Babina

The State Russian Museum, Saint Petersburg State University, St. Petersburg, Russia

Virtual Branch of Russian Museum at Saint Petersburg State University: First Decade of Cooperation

Olga Babina

The State Russian Museum, St. Petersburg, Russia

Multimedia as a Conduit into the Art World for Museum Visitors

Daria Hookk, Alexander Nikitin, T. Kharitonova, S. Hermon

State Hermitage Museum, Saint Petersburg State University of Aerospace Instrumentation,

St. Petersburg, Russia

Problem definition for emotional balance in control loop of a real-virtual continuum

Prof. Michael A. Herzog, Jens Wunderling

Magdeburg-Stendal University of Applied Sciences, Germany

Context Driven Content Presentation for Exhibition Places
Three Interaction Scenarios Designed for Museums

**11-45 – 12-00 Coffee Break**

**12-00 – 14-00 Videoconference Session St. Petersburg, ITMO University – London, Ravensbourne (RAVE)**

Chairmen: Nikolay Borisov (St. Petersburg, ITMO University)

Nick Lambert (London, Ravensbourne)

Welcome to St. Petersburg & ITMO University

Welcome to London & Royal Greenwich Borough & RAVE

Introduction to June 23 Session

Reports from London, speakers: James Hemsley, Jeremy Gardiner, James Morris

Jürgen Sieck, Jens Reinhardt, Michael Thiele-Maas

Research Group INKA HTW Berlin & NUST Windhoek
Berlin, Germany

Virtual Concert Hall - An Immersive Experience at the Konzerthaus Berlin

Aleksey Kolesov, Evgenia Tumanova

The Bonch-Bruevich Saint - Petersburg State University of Telecommunications

St. Petersburg, Russia

Beginnings of 3DTV in Russia

Nikolay Borisov, Artem Smolin, Pavel Shcherbakov, Aleksandr Tokarev

ITMO University, St. Petersburg State Universiry, St. Petersburg, Russia

The Virtual Reality Technology and the Montage of ‘videos 360°’ as Modern Approaches to the Presentation of Cultural Events

Anna Buali

Museum and exhibition Association "Manege", Moscow, Russia

Russian digital art in XXI century. New Paradigm of Conservation

**14-00 – 15-00 Lunch**

**15-00 – 17-00 Digital Cultural Heritage and Virtual Museums**

Chairman: Pavel Shcherbakov (ITMO University, St. Petersburg State Universiry)

## Yulia Petrova

Saint Petersburg State University, St. Petersburg, Russia

Visual Image of Virtual Museum

Elena Mazaletskaya

Yaroslavl State University, Yaroslavl, Russia

Presentation of the Cultural Heritage in the Modern Educational Field

Nadezhda Povroznik

Perm State National Research University, Perm, Russia

Typology of Virtual Museums and their Potential for Providing Information for Historical Sciences

Galina Shapovalova

State University of Economics and Service, Vladivostok, Russia

Global Information Society: Digital Heritage

Ekaterina Simakova, N. Volodina , E. Jarova
Gubkin Russian State University of Oil and Gas, Moscow, Russia

On Publication Activity and Infromation Competence

**17-00 – 18-30 Excursion around Multimedia Center of the Russian Museum**

**19-00 – 21-00 Conference Party**

**DAY II
June 24, 2016**

**10-00 - 11-45 3D Reconstructions and Virtual Reality**

Chairmen: Artem Smolin (ITMO University)

 Jacques Rebiere (Laboratoire de Conservation, Restauration et Recherches)

Jacques Rebiere, Vasiliy Trushin

Laboratoire de Conservation, Restauration et Recherches

France, ITMO University, St. Petersburg, Russia

P. Arnaud (In memoriam), N. Borisov, L. Chambaud, P. Couesnon, E. Jacquot, F. Mielcarek, J. Peral,, G. Perazio, A.Smolin, S. Valcke

Digitalization of Whaling Stationing Kerguelen's Island 3Dd-4D

Denis Zherebyatiev, A. Malyshev, V. Moor, S. Koroleva

Moscow State University, Moscow, Russia

Anthropogenic Landscapes of Abrau Peninsula in Ancient Times

Maxim Mironenko

Moscow State University, Moscow, Russia

Science-based Virtual 3D Reconstructions of Lost Objects of Historical and Cultural heritage: the Chudov Monastery and its Evolution

**12-00 – 15-00 Videoconference Session St. Petersburg, ITMO University – London, LSBU**

Chairmen: Nikolay Borisov (St. Petersburg, ITMO University)

Lizzie Jackson (London, LSBU)

Welcome to St. Petersburg & ITMO University

Welcome to London, Southwark Borough, and LSBU

Introduction to June 24 Session

Reports from London, speakers: Lizzie Jackson, Siobhan Thomas, Robert Thomas

Olga Chepurova, Yury Didevich

The New Stage of Alexandrinsky Theatre, St. Petersburg, Russia

Video 360: When the theatre comes. The edge between art and technology

Sergey Stafeev, Elena Bobritskaya

ITMO University

Advanced Digital Holography: ‘Magic of Light’

Nikolay Borisov, Pavel Shcherbakov, Artem Smolin, Vasiliy Trushin

ITMO University, St. Petersbug State University, St. Petersburg, Russia

Design of Interactive Virtual Environments. Interactive Virtual 4D Tour of Korela Fortress

Nikolay Borisov, Valentina Zakharkina, Irina Mbogo, Dmitry Prokudin

ITMO University, Saint Petersburg State University, St. Petersburg, Russia

New International Online Multimedia Journal “International Culture and Technology Studies”

Luca Matteo Boular, M. Gavelli, E. Baccaglini, P. Vergori, R. Scopigno

Multi-Layer Wireless Solutions, Istituto Superiore Mario Boella, Torino, Italy

Good Practices for Populating a CDVS Database for Archaeological Sites and Museums

**15-00 – 16-00 Lunch**

**16-00 – 17-30 New Technology for Culture and Arts**

Chairman: Valentina Zakharkina (Saint Petersburg State Universiry, ITMO University)

Valentina Zakharkina

Saint Petersburg State University, ITMO University, St. Petersburg, Russia

Responsive Web Interfaces: Problems and Solutions

Alexey Polyakov, O. Karpenya, A. Efremov, V.Letkov

CEO Triaxes Vision LLC, Kaliningrad, Russia

3D 360 Museum Tour at Smartphones and Autostereoscopic Displays

Artem Andreev

ITMO University, St. Petersburg, Russia

Omnidirectional Extender for Plenoptic Camera Concept

Iuliia Bezbakh, Aleksandr Mezhenin

ITMO University, St. Petersburg, Russia

Evaluation of the Results of Computer Simulation of Lighting with Lighting Engineering Design

Ekaterina Sysoeva

ITMO University, St. Petersburg, Russia

Discussion of Actuality of the International Virtual Museum of Industrial Design Creation. The Role of the Museum in the Cultural Heritage Preservation and Design Education